

20020927.qrp v02_n691.qrl.20020927

Date: Fri, 27 Sep 2002 19:03:14 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2691

QRP-L Digest 2691

Topics covered in this issue include:

- 1) [136189] RE: Airplanes and Radios
by Kenneth Hoglund <hoglund@wfu.edu>
- 2) [136190] Re: Looking for a good outdoor coil/trap sealer
by "Richard Johnson" <richard_johnson@credence.com>
- 3) [136191] RE: Looking for a good outdoor coil/trap sealer
by Mark Schoonover <schoon@amgt.com>
- 4) [136192] Re: Looking for a good outdoor coil/trap sealer
by "John Dorson" <jdorson@worldshare.net>
- 5) [136193] Hartley oscillator waveform
by "Leon Heller" <leon_heller@hotmail.com>
- 6) [136194] Re: DSP for QRP
by "Leon Heller" <leon_heller@hotmail.com>
- 7) [136195] Re: [136067] Re: MAXX-COM ATU
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 8) [136196] Crystal Filter Matching
by "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
- 9) [136197] Re: inverted vee 44' edz
by Fghester@aol.com
- 10) [136198] Relay for FT 7, (or any rig)
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 11) [136199] RE: Crystal Filter Matching
by Nick Kennedy <nkennedy@tcainternet.com>
- 12) [136200] Re: Looking for a good outdoor coil/trap sealer
by "Alex" <aturner13@triad.rr.com>
- 13) [136201] QRP-L digest 2690--165 messages!
by "Dave Ek" <ekdave@earthlink.net>
- 14) [136202] Re: look it up
by "Alex" <aturner13@triad.rr.com>
- 15) [136203] Re: Looking for a good outdoor coil/trap sealer
by Chris Cartwright <ccart@phideaux.com>
- 16) [136204] Asking questions
by Mark Fields <mark_ke5my@juno.com>
- 17) [136205] Re: DSP for QRP
by VA3TO <hduff@rogers.com>
- 18) [136206] Rock Mite 20 is a blast
by Jim Cluett <w1pid@yahoo.com>
- 19) [136207] Fw: Venus at maximum brightness

by "W2WU" <w2wurjj@verizon.net>

20) [136208] Re: Looking for a good outdoor coil/trap sealer
by "Emmersom Bigguns" <n8ie@woh.rr.com>

21) [136209] Re: Customer Service, a Myth?
by "John A. Evans - N0HJ" <jae@codenet.net>

22) [136210] Re: Base Biasing
by "Fran Flynn" <fflynn@adelphia.net>

23) [136211] Re: Venus at maximum brightness
by "Emmersom Bigguns" <n8ie@woh.rr.com>

24) [136212] Re: Asking questions
by "John Dorson" <jdorson@worldshare.net>

25) [136213] RE: Venus at maximum brightness
by Karl Kanalz <kkanalz@gceciisp.com>

26) [136214] re: inverted V 44' EDZ
by Michael Babineau <michael.babineau@sympatico.ca>

27) [136215] [CONTEST] N2CQ QRP Contest Calendar Sep 28-30
by "Ken Newman" <n2cq@dandy.net>

28) [136216] RE: Venus at maximum brightness
by "N8IE" <n8ie@woh.rr.com>

29) [136217] RE: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member submission
from [Hank Kohl K8DD <k8dd@arrl.net>]
by "Emmerson Bigguns" <n8ie@woh.rr.com>

30) [136218] RE: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member submission
from [Hank Kohl K8DD <k8dd@arrl.net>]
by "Emmerson Bigguns" <n8ie@woh.rr.com>

31) [136219] FS: Ten-Tec Omni A - Sorta QRP
by Dave Redfearn <n4elm@attbi.com>

32) [136220] Re: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member submission
from [Hank Kohl K8DD <k8dd@arrl.net>]
by "Russ Hines" <wb8zcc@one.net>

33) [136221] Camping Again!!! Point Mugu-Thornhill Broome
by "Trevor Jacobs" <kg6cyn@earthlink.net>

34) [136222] RE: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member submission from
[Hank Kohl K8DD <k8dd@arrl.net>]
by Lloyd Lachow <llachow@yahoo.com>

35) [136223] Re: Venus at maximum brightness
by "Trevor Jacobs" <kg6cyn@earthlink.net>

36) [136224] Homebrewer Spint report - N2APB
by "George Heron N2APB" <n2apb@erols.com>

37) [136225] Firth/Fishpool QRP Book ships on Friday as promised
by "Doug Hendricks" <ki6ds@dph.dpol.net>

38) [136226] Re: DSP for QRP
by "DTX" <dtx@wood.tzo.com>

39) [136227] NorCal now has 30 Meter Crystals
by "Doug Hendricks" <ki6ds@dph.dpol.net>

40) [136228] Re: October CQ has QRP theme issue; 73 has interview with founder of
Morsexpress and owner of Oak Hill kits
by "nr5a" <nr5a@hills.net>

- 41) [136229] Re: DSP for QRP
by "Graeme Zimmer" <gzimmer@bigpond.com>
- 42) [136230] Fw: Sneak Preview of an Extraordinary Movie
by "W2WU" <w2wurjj@verizon.net>
- 43) [136231] RE: DSP for QRP
by "Paul Taylor" <ptaylor@agentissoftware.com>
- 44) [136232] Re: Look it up!
by George Gingell <k3tks@u1.abs.net>
- 45) [136233] Re: DSP for QRP
by "Leon Heller" <leon_heller@hotmail.com>
- 46) [136234] Re: Asking questions
by "Leon Heller" <leon_heller@hotmail.com>
- 47) [136235] Re: A use for a can?
by George Gingell <k3tks@u1.abs.net>
- 48) [136236] Crystal Prices
by "George, W5YR" <w5yr@att.net>
- 49) [136237] Re: QRP Crystals Now Available!!!
by "Dave Fifield" <dave@redhotradio.com>
- 50) [136238] Re: QRP Crystals Now Available!!!
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 51) [136239] Re: QRP Crystals Now Available!!!
by "Dave Fifield" <dave@redhotradio.com>
- 52) [136240] Venus at maximum brightness and then some
by "Charles Mabbott" <aa8vs@msn.com>
- 53) [136241] TNX . . . Nor'Easter, Book, Re: Clandestine Radio / SWL ing
by John R Kirby <n3aaz-qrp@juno.com>
- 54) [136242] FS or FT: K2 with bells and whistles
by "Jason Hissong" <jhisson1@columbus.rr.com>
- 55) [136243] Antenna Question
by Alex <kr1st@amsat.org>
- 56) [136244] beginner's Antenna modeling software
by "Steve Blary" <steve@eclipsecat.com>
- 57) [136245] Re: look it up
by Bruce Muscolino <w6toy@erols.com>
- 58) [136246] Re: Collecting Books of ALL Kinds
by Bruce Muscolino <w6toy@erols.com>
- 59) [136247] Re: Look It Up!
by Bruce Muscolino <w6toy@erols.com>
- 60) [136248] Re: QRP Crystals Now Available!!!
by "Brian" <brian@iquest.net>
- 61) [136249] Re: QRP Crystals Now Available!!!
by "Brian" <brian@iquest.net>
- 62) [136250] Alesis DSP
by "Leon Heller" <leon_heller@hotmail.com>
- 63) [136251] Re: QRP Crystals Now Available!!!
by "Babe" <wa2dgd@comcast.net>
- 64) [136252] OT: Re: QRP Crystals Now Available!!!
by "Mark Andrews" <KE4IOF@ke4iof.com>

- 65) [136253] Re: Antenna Question
by Bruce Muscolino <w6toy@erols.com>
- 66) [136254] Re: beginner's Antenna modeling software
by Bruce Muscolino <w6toy@erols.com>
- 67) [136255] FS NC20 & PSK20
by "Rod N0RC" <rod@n0rc.us>
- 68) [136256] Re: Camping Again!!! Point Mugu-Thornhill Broome
by "Jeff Mitchell" <jeffmit@datastratinc.com>
- 69) [136257] Schematic editor
by W2EB <w2eb@twcnny.rr.com>
- 70) [136258] Re: Firth/Fishpool QRP Book ships on Friday as promised
by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
- 71) [136259] QRP-L digest = Reader's Digest version?
by "Ron McConnell" <rcmcc@earthlink.net>
- 72) [136260] Re: Schematic editor
by "Randy Randall" <RANDALLR@healthall.com>
- 73) [136261] FS: FT-817 at TenTec Hamfest
by "Alan Fryer" <N3BJ@hotmail.com>
- 74) [136262] CQ fm EA5 agn
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 75) [136263] Re: Schematic editor
by "Bill Jones" <kd7s@psnw.com>
- 76) [136264] CyBiko - ham applications
by <stanw@toxso.com>
- 77) [136265] Re: Collecting Books of ALL Kinds
by William R Colbert <w5xe@juno.com>
- 78) [136266] FS: PSK-80 Warbler (unbuilt)
by "Bill Jones" <kd7s@psnw.com>
- 79) [136267] Re: Schematic editor
by "Ray Goff" <radioham@gmx.co.uk>
- 80) [136268] Re: beginner's Antenna modeling software
by Ingo Meyer DK3RED <dk3red@gmx.net>
- 81) [136269] Re: Schematic editor
by "Jack Bennett" <J.Bennett@lboro.ac.uk>
- 82) [136270] WTB: Tokyo Hy-Power HT-750
by "Steve Lawrence" <Steve.Lawrence@itwfeg.com>
- 83) [136271] Re: QRP Crystals Now Available!!!
by Bob W7AVK <rsrolfne@atnet.net>
- 84) [136272] RE: Airline travel
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 85) [136273] Re: CyBiko - ham applications
by Bill Vodall - WA7NWP <wa7nwp@yahoo.com>
- 86) [136274] QSY w/QRP to Mtns
by "Steve/n0tu" <n0tu@codenet.net>
- 87) [136275] Nye Viking Antenna Tuner
by "Gary Evans" <myrthus@email.msn.com>
- 88) [136276] IF SW 20+
by "Jerry Ford" <benlightnd13@mchsi.com>

- 89) [136277] Interesting Contact
by "Joe W2KJ" <w2kj@earthlink.net>
- 90) [136278] Re: Homebrew Outbacker
by Bruce Muscolino <w6toy@erols.com>
- 91) [136279] Re: mu metal source
by Pete Burbank <plburbank@kih.net>
- 92) [136280] Re: IF SW 20+
by "Ian Wilson" <ianmwilson@earthlink.net>
- 93) [136281] FS: SG2020
by nilsbull@juno.com
- 94) [136282] Re: How Much do I Operate?
by Bruce Rattray <rattray@gpfn.sk.ca>
- 95) [136283] Re: How Much do I Operate?
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 96) [136284] TICK keyer business status?
by "Lascell, Peter" <lascellpe@tycoelectronics.com>
- 97) [136285] Alesis DSP design
by "Leon Heller" <leon_heller@hotmail.com>
- 98) [136286] Re: Interesting Contact
by "Lee Mairs" <lmairs@cox.net>
- 99) [136287] Fritzel antenna experience?
by "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
- 100) [136288] Highest QRP AField Operation
by W0rw@aol.com
- 101) [136289] how much do I operate?
by David Heintzleman <pstrdave@kdsi.net>
- 102) [136290] FS
by <mgoins@usa.net>
- 103) [136291] RE: QRP with 12-volt Tubes?
by "Tracy Markham" <tracy@bytemark.com>
- 104) [136292] QRP++ Eprom..now in my possession. tnx Jerry.
by ve3ab@mail.mondenet.com
- 105) [136293] Granite state crystal checker
by "Craig A. Ferris" <cferris@aeronix.com>
- 106) [136294] Re: How Much do I Operate?
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 107) [136295] Re: TICK keyer business status?
by "" <markb@abq.com>
- 108) [136296] FS: Apple Powerbook
by john <john@wagner-usa.net>
- 109) [136297] Re: Replacement for 2N5179
by "laura halliday" <marsgal42@hotmail.com>
- 110) [136298] Re: How Much do I Operate?
by Bruce Muscolino <w6toy@erols.com>
- 111) [136299] Elmer 101 course
by Larry - WA2DGD <wa2dgd@comcast.net>
- 112) [136300] RE:Cybiko- Ham applications
by John Payne <paynej1@strato.net>

- 113) [136301] Re: [SOC] Fw: Why Did The Chicken Cross The Road?
by Edgar R Guillot <n5ed@juno.com>
- 114) [136302] New RF/IF amp from Analog Devices
by "Leon Heller" <leon_heller@hotmail.com>
- 115) [136303] Re How much do I operate?
by Eric NM5M <res19m7g@verizon.net>
- 116) [136304] Re: TICK keyer - an alternative
by John Harper AE5X <ae5x@qsl.net>
- 117) [136305] K0EVZ *New* PO Box
by "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
- 118) [136306] Re: How Much do I Operate?
by "George, W5YR" <w5yr@att.net>
- 119) [136307] RE: New Book: Simple Test Equipment for the QRPer now shipping
by Mark Schoonover <schoon@amgt.com>
- 120) [136308] Re: Addendum: Reverse Charging Question
by "Mike Yetsko" <myetsko@insydesw.com>
- 121) [136309] Re: How Much do I Operate?
by "Ralph Irons" <n7ri@earthlink.net>
- 122) [136310] Re: Redhot NorCal 20M or NorCal Sierra
by "John J. McDonough" <wb8rcr@arrl.net>
- 123) [136311] Re: Doug's box real nice....
by "John McClain" <digi2@earthlink.net>
- 124) [136312] RE: New Book: Simple Test Equipment for the QRPer now shipping
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 125) [136313] repeat messages
by Larry - WA2DGD <wa2dgd@comcast.net>
- 126) [136314] Re: New Book: Simple Test Equipment for the QRPer now shipping
by "W3CDE Jerry L." <w3cde@bellsouth.net>
- 127) [136315] "Home-Brew" = alcoholic?
by "Tracy Markham" <tracy@bytemark.com>
- 128) [136316] Re: NE602 Front-Ends and Contests
by wb0wao@hotmail.com (Dennis Ponsness)
- 129) [136317] Let's do the time warp again...
by Rod N0RC <rod@n0rc.us>
- 130) [136318] Re: Redhot NorCal 20M or NorCal Sierra
by John R Kirby <n3aaz-qrp@juno.com>
- 131) [136319] Re: Rock-Mite/30 Lives
by wb0wao@hotmail.com (Dennis Ponsness)
- 132) [136320] Re: repeat messages
by Jim Eshleman <jce0@Lehigh.EDU>
- 133) [136321] RE: Doug's box real nice....
by Karl Kanalz <kkanalz@gcecispc.com>
- 134) [136322] Re: MC1350 input impedance
by Bruce Muscolino <w6toy@erols.com>
- 135) [136323] RE-LISTED MESSAGES
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
- 136) [136324] Re: Repeat Messages
by "John Huffman" <hjohnc@core.com>

137) [136325] Re: Alesis DSP design
by David Hinerman <WD8CIV@worldnet.att.net>
138) [136326] A good story for a change
by Pat Byers <pbyers@rttinc.com>
139) [136327] Re: [Re: beginner's Antenna modeling software]
by "P. Ermisch" <ermisch@usa.net>
140) [136328] Re: [CyBiko - ham applications]
by "P. Ermisch" <ermisch@usa.net>
141) [136329] DSP Information
by "Tim, N9PUZ" <n9puz@arrl.net>
142) [136330] RE: look it up
by "KD5NWA" <KD5NWA@mbayona.com>
143) [136331] RE: Looking for a good outdoor coil/trap sealer
by "KD5NWA" <KD5NWA@mbayona.com>
144) [136332] RE: CyBiko - ham applications
by "KD5NWA" <KD5NWA@mbayona.com>
145) [136333] From Bob AF2Qrp <tm>
by IamSF5@aol.com
146) [136334] Still looking for the listed items
by IamSF5@aol.com
147) [136335] Any QST collectors on the lists?
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
148) [136336] Re: DSP Information
by "Rod N0RC" <rod@n0rc.us>
149) [136337] Re: DSP Information
by "Brad Hernlem" <alihernlem@hotmail.com>
150) [136338] WTB:NC-20 transceiver
by "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
151) [136339] Re: repeat messages
by "Jim Stamper" <jstamper@shentel.net>
152) [136340] Airpanes
by Walter D Amos <waltk8cv@juno.com>
153) [136341] F/S Icom 2710 2m/440
by "Francis Callahan" <colcal@srv.net>
154) [136342] Re: repeat messages
by "W2WU" <w2wurjj@verizon.net>
155) [136343] RE: "Looking It Up"
by psykey@okcforum.org (Jim Glover)
156) [136344] Re: Airpanes
by "Mike Yetsko" <myetsko@insydesw.com>
157) [136345] Re: "Looking It Up"
by "Mike Yetsko" <myetsko@insydesw.com>

Date: Thu, 26 Sep 2002 19:03:34 -0400
From: Kenneth Hogle <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [136189] RE: Airplanes and Radios
Message-ID: <3D939246.B2906B20@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yesterday flew from O'Hare to Charlotte to Greensboro. In my carry-on was the usual assortment including my Sony ICF-SW12 alarm clock/sw receiver. No problems with entry security whatsoever.

>From Charlotte to Greensboro I was "selected" at the gate for the intensive search, including shoes, and full-hand search of the bag. The attendant pulled out the radio, looked it over carefully, said "Neat!" and spent far more time with the electric shaver.

YMMV.

73
Ken KG4FGC

Date: Thu, 26 Sep 2002 16:05:13 -0700
From: "Richard Johnson" <richard_johnson@credence.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136190] Re: Looking for a good outdoor coil/trap sealer
Message-ID: <3D9392A9.8A0A36D1@credence.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What is the matter with you people!!!

The person wants to hear from experience. He has one idea but is looking for people you have faced the problem and overcame. I don't think it is that easy to seal components out in the sun and weather.

So why answer on the list if you just want to flame? Does your ego get a boost from public belittling?

I'm not a HAM yet. Just getting into it. But in my professional engineering career i've met people like you and there is no problem big enough to put up with the continuous LOOK AT ME EGO.

rich

p.s. The stuff you may mean is used to cover tool handles. It dries quick so

may not work and it's UV resistance may not be good. In the electrical department you can some times find small sheets of a rubbery goo wrapped in plastic. About 5" x 5". I do not know the name. Once you put this stuff on it fusses together and does the trick but will be a big mess to remove.

N8IE wrote:

```
> Come on Bob, don't waste our time. Get a phone book and look up hardware
> stores.
> :-)
>
> 72, oo
> Dan, N8IE
> FPqrp #-6, QRP-1 #1404, FISTS #4985
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> IamSF5@aol.com
> Sent: Thursday, September 26, 2002 6:10 PM
> To: Low Power Amateur Radio Discussion
> Subject: Looking for a good outdoor coil/trap sealer
>
> Hi Gang,
> I need a good sealer for outdoor traps and coils i'm making up.
> Long ago I saw a product that looked like thick paint and came in different
> colors.
> You brushed it on and when it dried it had a rubber feeling to it and if
> needed could be peeled off.
> Does anyone know what or where I can buy this type of sealer?
> Thanks
> Bob
> AF2Qrp <tm>
> PS Please respond direct as AOL lets very little of the list come through
>
> ---
> Incoming mail is certified Virus Free.
> Checked by AVG anti-virus system (http://www.grisoft.com).
> Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (http://www.grisoft.com).
> Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002
```

Date: Thu, 26 Sep 2002 16:22:52 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'richard_johnson@credence.com'" <richard_johnson@credence.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136191] RE: Looking for a good outdoor coil/trap sealer
Message-ID: <BF889CEBEFD2D511B993009027F60ABE25185F@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I say the same of you.... :-) at the end of his email means he's joking...
Lighten up and quit looking for a fight.

.mark

> -----Original Message-----
> From: Richard Johnson [mailto:richard_johnson@credence.com]
> Sent: Thursday, September 26, 2002 4:05 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Looking for a good outdoor coil/trap sealer
>
>
> What is the matter with you people!!!
>
> The person wants to hear from experience. He has one idea
> but is looking for
> people you have faced the problem and overcame. I don't
> think it is that easy
> to seal components out in the sun and weather.
>
> So why answer on the list if you just want to flame? Does
> your ego get a boost
> from public belittling?
>
> I'm not a HAM yet. Just getting into it. But in my
> professional engineering
> career i've met people like you and there is no problem big
> enough to put up
> with the continuous LOOK AT ME EGO.
>
> rich
>
> p.s. The stuff you may mean is used to cover tool handles.
> It dries quick so
> may not work and it's UV resistance may not be good. In the
> electrical

> department you can some times find small sheets of a rubbery
> goo wrapped in
> plastic. About 5" x 5". I do not know the name. Once you
> put this stuff on
> it fusses together and does the trick but will be a big mess
> to remove.
>
>
>
>
> N8IE wrote:
>
> > Come on Bob, don't waste our time. Get a phone book and
> look up hardware
> > stores.
> > :-)
> >
> > 72, oo
> > Dan, N8IE
> > FPqrp #-6, QRP-1 #1404, FISTS #4985
> >
> > -----Original Message-----
> > From: owner-qrp-1@Lehigh.EDU
> > [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> > IamSF5@aol.com
> > Sent: Thursday, September 26, 2002 6:10 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Looking for a good outdoor coil/trap sealer
> >
> > Hi Gang,
> > I need a good sealer for outdoor traps and coils i'm making up.
> > Long ago I saw a product that looked like thick paint and
> came in different
> > colors.
> > You brushed it on and when it dried it had a rubber feeling
> to it and if
> > needed could be peeled off.
> > Does anyone know what or where I can buy this type of sealer?
> > Thanks
> > Bob
> > AF2Qrp <tm>
> > PS Please respond direct as AOL lets very little of the
> list come through
> >
> > ---
> > Incoming mail is certified Virus Free.
> > Checked by AVG anti-virus system (<http://www.grisoft.com>).
> > Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002

> >
> > ---
> > Outgoing mail is certified Virus Free.
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> > Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002
>
>

Date: Thu, 26 Sep 2002 19:10:06 -0400
From: "John Dorson" <jdorson@worldshare.net>
To: <richard_johnson@credence.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136192] Re: Looking for a good outdoor coil/trap sealer
Message-ID: <005e01c265b1\$df768b20\$bd9a8b41@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard you are right on target.

John K2JHU...

----- Original Message -----

From: "Richard Johnson" <richard_johnson@credence.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, September 26, 2002 7:05 PM
Subject: Re: Looking for a good outdoor coil/trap sealer

> What is the matter with you people!!!
>
> The person wants to hear from experience. He has one idea but is looking
for
> people you have faced the problem and overcame. I don't think it is that
easy
> to seal components out in the sun and weather.
>
> So why answer on the list if you just want to flame? Does your ego get a
boost
> from public belittling?
>
> I'm not a HAM yet. Just getting into it. But in my professional
engineering
> career i've met people like you and there is no problem big enough to put
up

> with the continuous LOOK AT ME EGO.
>
> rich
>
> p.s. The stuff you may mean is used to cover tool handles. It dries
quick so
> may not work and it's UV resistance may not be good. In the electrical
> department you can some times find small sheets of a rubbery goo wrapped
in
> plastic. About 5" x 5". I do not know the name. Once you put this stuff
on
> it fusses together and does the trick but will be a big mess to remove.
>
>
>
>
> N8IE wrote:
>
> > Come on Bob, don't waste our time. Get a phone book and look up hardware
> > stores.
> > :-)
> >
> > 72, oo
> > Dan, N8IE
> > FPqrp #-6, QRP-1 #1404, FISTS #4985
> >
> > -----Original Message-----
> > From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> > IamSF5@aol.com
> > Sent: Thursday, September 26, 2002 6:10 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Looking for a good outdoor coil/trap sealer
> >
> > Hi Gang,
> > I need a good sealer for outdoor traps and coils i'm making up.
> > Long ago I saw a product that looked like thick paint and came in
different
> > colors.
> > You brushed it on and when it dried it had a rubber feeling to it and if
> > needed could be peeled off.
> > Does anyone know what or where I can buy this type of sealer?
> > Thanks
> > Bob
> > AF2Qrp <tm>
> > PS Please respond direct as AOL lets very little of the list come
through
> >
> > ---

> > Incoming mail is certified Virus Free.
> > Checked by AVG anti-virus system (<http://www.grisoft.com>).
> > Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002
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> > Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002
>

Date: Fri, 27 Sep 2002 00:23:40 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-l@lehigh.edu>
Subject: [136193] Hartley oscillator waveform
Message-ID: <DAV15ficTfIUhgJBtuo000055da@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone been able to get a decent waveform out of a simple Hartley oscillator (I'm using a JFET) without using a clamping diode on the gate, or a lot of fiddling with the capacitor between the gate and tank circuit and the source-bias resistor values?

Marconi used to use a complicated AGC arrangement with an op-amp in their signal generators, varying the voltage on the gate, but that is probably going a bit over the top in a simple receiver. It does work very well, though, and keeps the output level constant over the tuning range.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Fri, 27 Sep 2002 00:28:48 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: <KE4IOF@ke4iof.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136194] Re: DSP for QRP
Message-ID: <DAV31jtpIMt8KmEmLBT00005398@hotmail.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Mark Andrews" <KE4IOF@ke4iof.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, September 26, 2002 10:45 PM
Subject: Re: DSP for QRP

> On the ADI website it is \$245.00. Where did you get it for \$99.00?

I didn't pay very much more than that in the UK for mine, three years ago, from an ADI distributor. It might have gone up in price, they want people to use the newer ADSP-219x in new 16-bit DSP applications.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Thu, 26 Sep 2002 19:28:36 -0400 (EDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: digi2@earthlink.net
Cc: radioham@comcast.net, qrp-1@lehigh.edu
Subject: [136195] Re: [136067] Re: MAXX-COM ATU
Message-ID: <200209262328.g8QNSad21479@panix3.panix.com>

Date: Wed, 25 Sep 2002 21:30:47 -0700
From: "John McClain" <digi2@earthlink.net>

What is it about the laws in Florida that attract scams such as this? I once lost \$1200.00 to a replicar company. I sent them the money as a down payment on a 1932 Ford. I never received the car nor my money back. I have heard of several examples of fraud, all from Florida.

At the risk of introducing a off-topic literary note:
Read any of the Carl Hiaasen books. Most of them are humorous mysteries, set in Florida. He's a columnist for the Miami Herald, and has a most jaundiced view of the state.

73, doug

Date: Thu, 26 Sep 2002 19:08:16 -0400
From: "Glen Leinweber" <leinwebe@mcmaster.ca>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [136196] Crystal Filter Matching
Message-ID: <001a01c265b1\$98fb0680\$07ea7182@mcmaster.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Geez, let's get some technical content back here
instead of re:this re:that, re:this...

Crystals for ladder filters are not always supposed to have the same series resonance. For two-crystal filters, matching both is proper. But beyond two, each resonator frequency is SUPPOSED to be different. Actually, the resonances are symmetrical about the filter's middle, with the end resonators having the same frequency, the next two innermost a different frequency, etc. These offsets depend on the crystal's Q, and the desired filter Q. Wide filters require larger offsets.

So why are folks so bent on matching crystals? For narrow CW filters, the offsets are small, and having each crystal with the same resonance gives a more-or-less decent filter. But SSB ladder filters are more fussy, and ignoring offsets can give skewed filters with dips and bulges and wrong bandwidth.

What can we do about offsets? We could exactly specify series resonance for each resonator in the filter(\$\$\$). Or sort thru a pile of crystals, finding a set having proper offsets. Or add a series capacitor to each crystal, shifting its series resonance upward.

If you've got a jig to measure crystal parameters, you could also use it to find the proper series capacitor needed to offset series resonance. Or, if you have a proper crystal model, you can calculate the series capacitor for each resonator, and go back to matching crystals all the same. You don't often see these series capacitors in ladder filters - the designer simply ignores offsets, and hopes you don't notice the errors.

Wes Hayward outlined in QST how to trim a ladder filter properly, and included examples of frequency plots showing "before" and "after" proper series capacitors were added. Shapes for SSB filters were much improved. Zverev calculates offsets for ladder filters, and includes them in lookup tables in his book.

Date: Thu, 26 Sep 2002 19:41:15 EDT
From: Fghester@aol.com
To: lmairs@cox.net, qrp-1@lehigh.edu
Subject: [136197] Re: inverted vee 44' edz
Message-ID: <27.2df6046e.2ac4f51b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For what it's worth, I found that the light weight folded dipoles sold by MFJ for their QRP line of radios are great. They are very broad banded, portable etc. I have one for 20 and one for 40 and they are super. / Woody / WD9F

Date: Thu, 26 Sep 2002 18:46:07 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <Ronald_A_Pfeiffer@raytheon.com>, <qrp-1@lehigh.edu>
Subject: [136198] Relay for FT 7, (or any rig)
Message-ID: <009d01c265b6\$e2149c50\$4e100a0a@rohredt2000>

Ron,
To repair a relay often only means dragging some bond paper thru the contacts while holding the armature closed.

For more severe oxidation, there are relay cleaning diamond spatulas sold with a bottle of cleaning solution under the GC electronics name of Radio TV chemicals and supplies from wholesale distributors.

If the coil opens up internally on a relay, you may have to find a close physical substitute, and match the coil voltage as well as the contacts configuration, (DPDT or whatever it is).

Radio Shack has an amazing variety of relays, and often I have found they had relays that would substitute for an original, even if it was a slightly different size. Sometimes there is plenty of room in older rigs as this model is, for such a substitution. You might have to mount the new relay on

a piece of prototype circuit board and screw it onto a bracket or standoff, but usually there is a way to find a relay that will work. It is not likely that the exact relay will be found, but you should look at Radio Shack and you might be pleasantly surprised.
72, Stuart K5KVH

Date: Thu, 26 Sep 2002 19:07:35 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'leinwebe@mcmail.cis.mcmaster.ca'" <leinwebe@mcmail.cis.mcmaster.ca>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136199] RE: Crystal Filter Matching
Message-ID: <01C2658F.FA243200.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Glen, how dare you try to teach me something I could have learned from a book? Now I feel like a lazy bum!

Heh. Seriously, that's a really interesting topic. Now let me ask a question. (I'm too lazy to lean over to my bookcase.)

Are all the meshes supposed to be tuned to the same frequency? I think that's what I was getting out of Hayward's papers. The "meshes" in question would consist of the crystal plus the shunt capacitors to the right and left of it. So you've got a crystal with two caps in series with it. The caps cause the mesh frequency to be somewhat higher than the crystal frequency. But interior meshes have more C, so they are raised in frequency to a lesser extent, and so with respect to the mean, they are low.

When I designed the filter for my version of the SW-30, I definitely found what you said to be true. Before I corrected the mesh offsets, the response curve was awful! Unusable. But with the proper capacitor in series with the middle capacitor, everything was fine.

Well, I'd better go read a book, it's due back tomorrow and I don't want the library police after me. (It's a Salmon Rushdie, not a Hayward or Terman.)

72--Nick, WA5BDU

-----Original Message-----

From: Glen Leinweber [SMTP:leinwebe@mcmail.cis.mcmaster.ca]

Geez, let's get some technical content back here
instead of re:this re:that, re:this...

Crystals for ladder filters are not always supposed to
have the same series resonance. For two-crystal
filters, matching both is proper.
But beyond two, each resonator frequency is
SUPPOSED to be different.

Date: Thu, 26 Sep 2002 20:03:03 -0400
From: "Alex" <aturner13@triad.rr.com>
To: <IamSF5@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136200] Re: Looking for a good outdoor coil/trap sealer
Message-ID: <019d01c265b9\$3fedcf20\$be611e0a@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have had good luck with an automotive sealer used for windshields I
believe. It did not peel away as the silicone sometimes will. Sorry I don't
know the name, but drop by a local auto parts place and browse around.

Alex N4BYJ
----- Original Message -----
From: <IamSF5@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, September 26, 2002 6:09 PM
Subject: Looking for a good outdoor coil/trap sealer

> Hi Gang,
> I need a good sealer for outdoor traps and coils i'm making up.
> Long ago I saw a product that looked like thick paint and came in
> different
> colors.
> You brushed it on and when it dried it had a rubber feeling to it and if
> needed could be peeled off.
> Does anyone know what or where I can buy this type of sealer?
> Thanks
> Bob
> AF2Qrp <tm>
> PS Please respond direct as AOL lets very little of the list come through

Date: Thu, 26 Sep 2002 18:06:38 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [136201] QRP-L digest 2690--165 messages!
Message-ID: <013301c265b9\$c044ba80\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

165 messages in the last digest! Might be a record. Musta been a flame war going on...

Keep in mind that a lot of folks read this list. Its getting referred to more frequently in magazines and other places. We're getting more exposure in the ham radio world. Maybe it'd be a good thing for all of us to remember to mind our manners. You never know who's watching...

73 de Dave NK0E

Date: Thu, 26 Sep 2002 20:13:53 -0400
From: "Alex" <aturner13@triad.rr.com>
To: <KD5NWA@mbayona.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [136202] Re: look it up
Message-ID: <01b901c265ba\$c37bfb40\$be611e0a@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

So why even entertain any questions on here? What is a reasonable reason for not being able to get some information. This is a hobby and I've never seen a group of guys who begrudge sharing information unless the person has met their criteria for search. Keep your information.

N4BYJ

Date: Thu, 26 Sep 2002 20:17:42 -0400 (EDT)
From: Chris Cartwright <ccart@phideaux.com>
To: QRPL List <qrp-l@lehigh.edu>
Subject: [136203] Re: Looking for a good outdoor coil/trap sealer
Message-ID: <Pine.LNX.4.33.0209262011300.2607-1000000@dns.phideaux.com.>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 26 Sep 2002, Alex wrote:

> From: <IamSF5@aol.com>

> > You brushed it on and when it dried it had a rubber feeling to it and if
> > needed could be peeled off.

I think you might be thinking of "Tool Dip" (it's real name), I got a can at Home Depot sometime ago. This is the goop they use to make rubber handles on pliers, hammers, etc. Comes in red, black and blue that I know of. I bought it to dip the open end of tubing I used for Yagi's, worked great, and it's still on there three years later. Have since dipped a screw driver or two and cut the tip of the goop off instead of using heatshrink to make "insulated" screwdrivers. Keep the can sealed up though, or you end up with a big rubber chew toy :)

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 26 Sep 2002 18:59:26 -0500
From: Mark Fields <mark_ke5my@juno.com>
To: qrp-l@lehigh.edu
Subject: [136204] Asking questions
Message-ID: <20020926.192123.-160435.6.mark_ke5my@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I remember a lab instructor (college chemistry)
saying "It's better to ask a dumb question than to

make a dumb mistake."

73, Mark, KE5MY

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<http://dl.www.juno.com/get/web/>.

Date: Thu, 26 Sep 2002 20:29:21 -0400

From: VA3TO <hduff@rogers.com>

To: qrp-l@lehigh.edu

Subject: [136205] Re: DSP for QRP

Message-ID: <3D93A661.D7A26641@rogers.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hmm...Hams rolling thier own DSP code ?

Aside from QRPers and some microwavers,
homebrewing and experimenting in Ham radio
seems to be all but dead. Kludging a few parts
together is a major task for most...I think you're
expecting too much from the average ham Laura :)
Nonetheless, here's my "excuse".

I'd love to play DSP but I admit that I'm somewhat
intimidated by the implied prerequesit of serious
math (and use of Matlab) to do anything close to
"rolling my own". I considered buying a DSP
EVB just to learn how to load canned code into
it and maybe even try modifying the prewritten
code to get a feel for it. (This is how I learned to
program micros.) I went to a TI DSP seminar
a few years back..it all sounded great and I paid
the extra for a "White Mountain" DSP kit. It
wasn't but several months later I went to play
with it when I learned that the company
abandoned their support of the board :(
Nonetheless, my interest has remained but
unfortunately not progressed.

Perhaps a good 3 or 4 part "DSPs for Dummies"
sort of "walk through" article in QST, written by
one of you more informed DSP gurus, would be
very well received. Any previous attempts at this

that I've seen have delved into the nitty-gritty too quickly and quickly turned me off. Like zero to sixty in five seconds.

Is there a current EVB that is a good value and not too difficult to learn (relatively speaking) ? Something that a "tutorial" article would work well with ? Nothing like a good breakdown of the instruction set, a description of how to load and run some simpler prewritten demonstration programs, with a good description of what is happening ? You may consider this "hand-holding" but it works for me ! Then again, maybe I *am* just an average ham "dummy" and it's over my head. :)

72 de Hugh VA3TO

From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [136188] Re: DSP for QRP

---clip---

DSP seems to be one of those ham radio blind spots, with few hams even considering the possibility of rolling their own code, totally dependent on others to create the applications. Sad.

Laura Halliday VE7LDH "Que les nuages soient notre

Date: Thu, 26 Sep 2002 17:35:51 -0700 (PDT)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [136206] Rock Mite 20 is a blast
Message-ID: <20020927003551.17904.qmail@web11608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just finished the Rock Mite 20 tonight and put it in the Mitey Box. Worked WB4YEX in Virginia right off. Then worked AB8DF in Mich and KE4DDI in SC. What a hoot! Thanks Dave

for a great little rig. 73 Jim
w1pid@arrl.net

Do you Yahoo!?
New DSL Internet Access from SBC & Yahoo!
<http://sbc.yahoo.com>

Date: Thu, 26 Sep 2002 20:36:00 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136207] Fw: Venus at maximum brightness
Message-ID: <007c01c265be\$120f9d40\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wonder if this has any influence on strange topics (Grin) Forwarded FYI. 73,
Ron W2WU

----- Original Message -----
From: SpaceWeather.com <swlist@spaceweather.com>
To: SpaceWeather.com <swlist@spaceweather.com>
Sent: 26 September, 2002 11:34
Subject: Venus at maximum brightness

> Space Weather News for Sept. 26, 2002
> <http://www.spaceweather.com>
>
> The planet Venus reaches its greatest brilliancy today. At visual
> magnitude -4.6, Venus outshines Sirius by a whopping factor of 18; only
> the Sun and moon are brighter. Venus is eye-catching, but if you live at
> mid-Northern latitudes, you'll need a clear view of the horizon to see it.
> Look low and southwest between 6:30 and 7:00 p.m. just after local sunset.
>
> When Venus is very bright and close to the horizon ice crystals in Earth's
> atmosphere can bend the planet's light and give it a curious elongated
> shape. The up-and-down streaks of light are called Venus pillars, and this
> week is a good time to watch for them. (Try looking at Venus through a
> telescope, too. Like the Moon, Venus has phases; this week Venus is a
> thin crescent.)
>
> ---
> <SNIP>

Date: Thu, 26 Sep 2002 20:48:53 -0400
From: "Emmersom Bigguns" <n8ie@woh.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [136208] Re: Looking for a good outdoor coil/trap sealer
Message-ID: <005801c265bf\$aa58cb20\$0400a8c0@home5vtkw1ykj9>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh my Lord. I give up. LOL (That is Internet for Laugh Out Loud)

----- Original Message -----

From: "Richard Johnson" <richard_johnson@credence.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, September 26, 2002 7:05 PM
Subject: Re: Looking for a good outdoor coil/trap sealer

> What is the matter with you people!!!
>
> The person wants to hear from experience. He has one idea but is looking
for
> people you have faced the problem and overcame. I don't think it is that
easy
> to seal components out in the sun and weather.
>
> So why answer on the list if you just want to flame? Does your ego get a
boost
> from public belittling?
>
> I'm not a HAM yet. Just getting into it. But in my professional
engineering
> career i've met people like you and there is no problem big enough to put
up
> with the continuous LOOK AT ME EGO.
>
> rich
>
> p.s. The stuff you may mean is used to cover tool handles. It dries
quick so
> may not work and it's UV resistance may not be good. In the electrical
> department you can some times find small sheets of a rubbery goo wrapped
in

> plastic. About 5" x 5". I do not know the name. Once you put this stuff
on
> it fusses together and does the trick but will be a big mess to remove.
>
>
>
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> N8IE wrote:
>
> > Come on Bob, don't waste our time. Get a phone book and look up hardware
> > stores.
> > :-)
> >
> > 72, oo
> > Dan, N8IE
> > FPqrp #-6, QRP-1 #1404, FISTS #4985
> >
> > -----Original Message-----
> > From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> > IamSF5@aol.com
> > Sent: Thursday, September 26, 2002 6:10 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Looking for a good outdoor coil/trap sealer
> >
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> > AF2Qrp <tm>
> > PS Please respond direct as AOL lets very little of the list come
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> >
> > ---
> > Incoming mail is certified Virus Free.
> > Checked by AVG anti-virus system (<http://www.grisoft.com>).
> > Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002
> >
> > ---
> > Outgoing mail is certified Virus Free.
> > Checked by AVG anti-virus system (<http://www.grisoft.com>).
> > Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002
>

>

Date: Thu, 26 Sep 2002 18:50:16 -0600
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [136209] Re: Customer Service, a Myth?
Message-ID: <3D93AB48.8A43859E@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's my \$ 0.01 that I am leaving for a tip. Perhaps the bickerers here in other threads will take the message.

72 - john - n0hj

Date: Thu, 26 Sep 2002 21:09:28 -0400
From: "Fran Flynn" <fflynn@adelphia.net>
To: <qrp-l@lehigh.edu>
Subject: [136210] Re: Base Biasing
Message-ID: <001101c265c2\$8797ab80\$9800a8c0@cel300>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It might have been used for temperature compensation. A (bipolar) transistor needs different bias current depending on temperature. The last time I replaced a set of finals in a Yaesu FT-1000, each of the final transistors had a diode near the top of the ceramic case with silicone heat sink compound gooped (for lack of a better word) between it and the transistor. The diode was of course, part of the bias network for the final transistors. For Qrp gear, you probably don't need so close thermal coupling, since the finals may not run so hot as in a rig that outputs 200w, in the case of the Yeasu. It seems like it might just have been a convenient way to control bias, in the case where the green LED's were used in a bias network. The junction voltage drop in a diode will vary with temperature, as does the bias requirement for a transistor. Obviously, a resistor would not provide such thermal compensation. I read that in a book somewhere.

>In reference to the use of a green LED for setting the base bias of an
>amplifier versus a resistor, an LED will offer a fixed bias voltage and the
>resistor won't.

Date: Thu, 26 Sep 2002 20:49:51 -0400
From: "Emmersom Bigguns" <n8ie@woh.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [136211] Re: Venus at maximum brightness
Message-ID: <006101c265bf\$d4801d40\$0400a8c0@home5vtkw1ykj9>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Maybe if it were Urainus Ron, THAT would explain a lot about this place.

----- Original Message -----
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, September 26, 2002 8:36 PM
Subject: Fw: Venus at maximum brightness

> Wonder if this has any influence on strange topics (Grin) Forwarded FYI.

73,

> Ron W2WU

> ----- Original Message -----

> From: SpaceWeather.com <swlist@spaceweather.com>

> To: SpaceWeather.com <swlist@spaceweather.com>

> Sent: 26 September, 2002 11:34

> Subject: Venus at maximum brightness

>

>

> > Space Weather News for Sept. 26, 2002

> > <http://www.spaceweather.com>

> >

> > The planet Venus reaches its greatest brilliancy today. At visual

> > magnitude -4.6, Venus outshines Sirius by a whopping factor of 18; only

> > the Sun and moon are brighter. Venus is eye-catching, but if you live at

> > mid-Northern latitudes, you'll need a clear view of the horizon to see
it.

> > Look low and southwest between 6:30 and 7:00 p.m. just after local
sunset.

> >
> > When Venus is very bright and close to the horizon ice crystals in
Earth's
> > atmosphere can bend the planet's light and give it a curious elongated
> > shape. The up-and-down streaks of light are called Venus pillars, and
this
> > week is a good time to watch for them. (Try looking at Venus through a
> > telescope, too. Like the Moon, Venus has phases; this week Venus is a
> > thin crescent.)
> >
> > ---
> > <SNIP>
>
>
>

Date: Thu, 26 Sep 2002 21:07:11 -0400
From: "John Dorson" <jdorson@worldshare.net>
To: <mark_ke5my@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [136212] Re: Asking questions
Message-ID: <003501c265c2\$3929d9a0\$46998b41@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Do you really think the followers will really understand that ...

----- Original Message -----

From: "Mark Fields" <mark_ke5my@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, September 26, 2002 7:59 PM
Subject: Asking questions

> I remember a lab instructor (college chemistry)
> saying "It's better to ask a dumb question than to
> make a dumb mistake."

> 73, Mark, KE5MY

> -----
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
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> <http://dl.www.juno.com/get/web/>.

Date: Thu, 26 Sep 2002 20:32:05 -0500
From: Karl Kanalz <kkanalz@gcecis.com>
To: "'n8ie@woh.rr.com'" <n8ie@woh.rr.com>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [136213] RE: Venus at maximum brightness
Message-ID: <01C2659B.D16E53C0@KKANALZ>

Does that topic go back to the old joke about "How are toilet paper and Star Trek are related?"

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: Emmersom Bigguns [SMTP:n8ie@woh.rr.com]
Sent: Thursday, September 26, 2002 7:50 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Venus at maximum brightness

Maybe if it were Urainus Ron, THAT would explain a lot about this place.

----- Original Message -----
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, September 26, 2002 8:36 PM
Subject: Fw: Venus at maximum brightness

> Wonder if this has any influence on strange topics (Grin) Forwarded FYI.
73,
> Ron W2WU

Date: Thu, 26 Sep 2002 21:47:04 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: cferris@aeronix.com
Cc: qrp-1@lehigh.edu
Subject: [136214] re: inverted V 44' EDZ
Message-ID: <05D2E97D-D1BB-11D6-89F4-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v546)

Content-Transfer-Encoding: 7bit

Craig :

Yes I use this antenna every summer while I am on vacation. I suspend it from a DK9SQ 33ft fiberglass mast. I feed mine with TV Twin lead and it loads very nicely with my LDG QRP autotuner + balun from 40 thru 10 m. You may find that you need to play around a bit with the feedline length if you have matching problems on a particular band.

L.B. Cebik has a very good article on the 44' edz, but not specifically in the inverted Vee configuration try <http://www.cebik.com/aledz.html> .

This antenna is a keeper.

Michael VE3WMB

Date: Thu, 26 Sep 2002 21:33:13 -0400
From: "Ken Newman" <n2cq@dandy.net>
To: "W3BG" <W3BG@arrl.net>, "EPA-QRP Club" <EPA-QRP@yahoogroups.com>, "NJ-QRP Club" <NJQRP@njqrp.org>,
Subject: [136215] [CONTEST] N2CQ QRP Contest Calendar Sep 28-30
Message-ID: <000901c265c5\$da6f86e0\$149dfa42@18.95.182.twsn1.md.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

N2CQ QRP CONTEST CALENDAR

September 28-30, 2002

~~~~~  
CQWW RTTY DX Contest ... <150w Category  
Sep 28 - 0000z to Sep 29 - 2400z  
Rules: <http://www.rttyjournal.com/rules/cqww.html>  
"Big RTTY contest. LOTSA fun on QRP frequencies for CW (NOT!)"  
~~~~~

Tesla Cup ... QRP Category
Sep 28 - 0000z to 2400z (SSB)

Sep 29 - 0000z to 2400z (CW)

Rules: <http://members.aol.com/k3bu/TeslaCup.htm>

"Promote international good will, competition, sportsmanship,
technical excellence & operating skills"

~~~~~  
Scandinavian Activity Contest (SSB) ... QRP Category

Sep 28 - 1200z to Sep 29 - 1200z

Rules: <http://www.sk3bg.se/contest/text/sacnsc.txt>

"Work as many Scandinavian stations as possible"

~~~~~  
Texas QSO Party (All) ... QRP Category

Sep 28 - 1400z to Sep 29 - 0200z

Sep 29 - 1400z to Sep 29 - 2000z

Rules: <http://www.k5vuu.com/tqp/>

"Contact as many different Texas counties as possible"

~~~~~  
Louisiana QSO Party (CW/PH) ... QRP Category

Sep 28 - 1400z to Sep 29 - 0200z

Sep 29 - 1400z to Sep 29 - 2000z

Rules: <http://www.tchams.org/users/contest/laqp>

"Work as many Louisiana stations as possible"

~~~~~  
Alabama QSO Party (CW/SSB) ... QRP Category

Sept 28 - 1800z to 2400z

Rules: <http://web.dbtech.net/~dxcc/rules1.htm>

"Work Alabama Counties"

~~~~~  
Thanks to K3WWP, SM3CER, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.NJQRP.org>

<http://www.N3EPA.org>

<http://www.qs1.net/cqrp/contests.html>

-----  
Date: Thu, 26 Sep 2002 21:53:49 -0400

From: "N8IE" <n8ie@woh.rr.com>



To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [136216] RE: Venus at maximum brightness  
Message-ID: <MMEDLKDLONJOAIGICDJAEEDHDFAA.n8ie@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

HEY HEY HEY, are you asking a question? :-)

72, oo  
Dan, N8IE  
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
Karl Kanalz  
Sent: Thursday, September 26, 2002 9:32 PM  
To: Low Power Amateur Radio Discussion  
Subject: RE: Venus at maximum brightness

Does that topic go back to the old joke about "How are toilet paper and Star  
Trek are related?"

Karl K - W8TIF  
McKinney, Texas

-----Original Message-----

From: Emmersom Bigguns [SMTP:n8ie@woh.rr.com]  
Sent: Thursday, September 26, 2002 7:50 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Venus at maximum brightness

Maybe if it were Urainus Ron, THAT would explain a lot about this place.

----- Original Message -----

From: "W2WU" <w2wurjj@verizon.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, September 26, 2002 8:36 PM  
Subject: Fw: Venus at maximum brightness

> Wonder if this has any influence on strange topics (Grin) Forwarded FYI.  
73,  
> Ron W2WU

---

Incoming mail is certified Virus Free.  
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Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002

---

Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002

-----

Date: Thu, 26 Sep 2002 21:57:19 -0400  
From: "Emmerson Bigguns" <n8ie@woh.rr.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [136217] RE: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member  
submission from [Hank Kohl K8DD <k8dd@arrl.net>]  
Message-ID: <MMEDLKDLONJOAIGICDJAMEBHDFAA.n8ie@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

More trivia, easy one. Name the movie:  
"One ping, and one ping only"

72, oo  
Dan, N8IE  
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: Chuck Mabbott [mailto:aa8vs@yahoo.com]  
Sent: Thursday, September 26, 2002 9:38 PM  
To: N8IE; Pigs  
Subject: Re: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member submission  
from [Hank Kohl K8DD <k8dd@arrl.net>]

For the folks who don't have access to submarine or  
UNIX.....

Ping command output example

Pinging 68.43.100.7 with 32 bytes of data:

Reply from 68.43.100.7: bytes=32 time<1ms TTL=128  
Reply from 68.43.100.7: bytes=32 time<1ms TTL=128  
Reply from 68.43.100.7: bytes=32 time<1ms TTL=128  
Reply from 68.43.100.7: bytes=32 time<1ms TTL=128

Ping statistics for 68.43.100.7:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 0ms, Average = 0ms

Enjoy and happy to report no submarines in range..  
73 oo  
Chuck AA8VS

--- N8IE <n8ie@woh.rr.com> wrote:  
> Ping stands for the sound sonar makes. The guy who  
> wrote the original UNIX  
> program Ping equated it with the sound echolocation  
> makes. His program does  
> a echo request and echo reply to probe the distance  
> to the machine being  
> "pinged".

-----  
Do you Yahoo!?  
New DSL Internet Access from SBC & Yahoo!  
<http://sbc.yahoo.com>

---  
Incoming mail is certified Virus Free.  
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Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002

---  
Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002

-----  
Date: Thu, 26 Sep 2002 22:02:37 -0400

From: "Emmerson Bigguns" <n8ie@woh.rr.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [136218] RE: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member submission from [Hank Kohl K8DD <k8dd@arrl.net>]  
Message-ID: <MMEDLKDLONJOAIGICDJAGEBIDFAA.n8ie@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Sorry, wrong group.  
My bad.

72, oo  
Dan, N8IE  
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Emmerson Bigguns  
Sent: Thursday, September 26, 2002 9:57 PM  
To: Low Power Amateur Radio Discussion  
Subject: RE: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member submission from [Hank Kohl K8DD <k8dd@arrl.net>]

More trivia, easy one. Name the movie:  
"One ping, and one ping only"

72, oo  
Dan, N8IE  
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: Chuck Mabbott [mailto:aa8vs@yahoo.com]  
Sent: Thursday, September 26, 2002 9:38 PM  
To: N8IE; Pigs  
Subject: Re: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member submission from [Hank Kohl K8DD <k8dd@arrl.net>]

For the folks who don't have access to submarine or  
UNIX.....

Ping command output example

Pinging 68.43.100.7 with 32 bytes of data:

Reply from 68.43.100.7: bytes=32 time<1ms TTL=128  
Reply from 68.43.100.7: bytes=32 time<1ms TTL=128  
Reply from 68.43.100.7: bytes=32 time<1ms TTL=128  
Reply from 68.43.100.7: bytes=32 time<1ms TTL=128

Ping statistics for 68.43.100.7:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms

Enjoy and happy to report no submarines in range..

73 oo

Chuck AA8VS

--- N8IE <n8ie@woh.rr.com> wrote:

> Ping stands for the sound sonar makes. The guy who  
> wrote the original UNIX  
> program Ping equated it with the sound echolocation  
> makes. His program does  
> a echo request and echo reply to probe the distance  
> to the machine being  
> "pinged".

-----  
Do you Yahoo!?

New DSL Internet Access from SBC & Yahoo!

<http://sbc.yahoo.com>

---

Incoming mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002

---

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002

---

Incoming mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002

---

Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002

-----

Date: Thu, 26 Sep 2002 18:38:22 -0500  
From: Dave Redfearn <n4elm@attbi.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [136219] FS: Ten-Tec Omni A - Sorta QRP  
Message-ID: <3D939A6E.FC149EBD@attbi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Motivated seller, have new toys, need to move old ones :-)

For Sale:  
Ten-Tec Omni A  
160 - 10 Meter HF Transceiver

Description:

The Model 545 Omni A is a solid state SSB/CW HF transceiver covering 160 - 10 Meters plus the 30 & 12 Meter WARC bands. It will transmit up to 100 watts on SSB and CW.

The radio features: Analog frequency display, RIT, ALC, VOX, NOTCH filter, attenuator, and selectable CW audio filters.

The optional Noise Blanker is installed.

This appears to be a series B since it has the front panel NOTCH control (factory) instead of the SQUELCH control and it has the IF filter board installed. The filter board has labeled positions for the optional 1.8 and .5 KHz crystal filters. The optional filters are not installed.

Condition:

The radio works well. The case has slight scratches.  
The PTO works well and the dial pointer returns properly.  
Overall cosmetics 8 - 9.

The manual is included. I may be able to find a power connector also.

Asking \$225.00 OBO + shipping from 75070.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----

Date: Thu, 26 Sep 2002 22:34:46 -0400  
From: "Russ Hines" <wb8zcc@one.net>  
To: <n8ie@woh.rr.com>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136220] Re: [fpqrp] RE: BOUNCE fpqrp-l@mpna.com: Non-member  
submission from [Hank Kohl K8DD <k8dd@arrl.net>]  
Message-ID: <014401c265ce\$71e9a0c0\$4307c00a@wb8zcc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hunt for Red October. What do I win? ;-)

73,  
Russ Hines  
WB8ZCC

----- Original Message -----

From: "Emmerson Bigguns" <n8ie@woh.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, September 26, 2002 9:57 PM  
Subject: RE: [fpqrp] RE: BOUNCE fpqrp-l@mpna.com: Non-member submission from  
[Hank Kohl K8DD <k8dd@arrl.net>]

> More trivia, easy one. Name the movie:  
> "One ping, and one ping only"  
>  
> 72, oo  
> Dan, N8IE  
> FPqrp #-6, QRP-1 #1404, FISTS #4985  
>  
> -----Original Message-----  
> From: Chuck Mabbott [mailto:aa8vs@yahoo.com]  
> Sent: Thursday, September 26, 2002 9:38 PM

> To: N8IE; Pigs  
> Subject: Re: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member submission  
> from [Hank Kohl K8DD <k8dd@arrl.net>]  
>  
>  
> For the folks who don't have access to submarine or  
> UNIX.....  
>  
>  
> Ping command output example  
>  
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> Pinging 68.43.100.7 with 32 bytes of data:  
>  
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> Reply from 68.43.100.7: bytes=32 time<1ms TTL=128  
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>  
> Ping statistics for 68.43.100.7:  
> Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
>  
> Approximate round trip times in milli-seconds:  
> Minimum = 0ms, Maximum = 0ms, Average = 0ms  
>  
> Enjoy and happy to report no submarines in range..  
> 73 oo  
> Chuck AA8VS  
>  
>  
>  
>  
> --- N8IE <n8ie@woh.rr.com> wrote:  
> > Ping stands for the sound sonar makes. The guy who  
> > wrote the original UNIX  
> > program Ping equated it with the sound echolocation  
> > makes. His program does  
> > a echo request and echo reply to probe the distance  
> > to the machine being  
> > "pinged".  
>  
>  
>  
> -----  
> Do you Yahoo!?  
> New DSL Internet Access from SBC & Yahoo!  
> <http://sbc.yahoo.com>  
>  
> ---



> Incoming mail is certified Virus Free.  
> Checked by AVG anti-virus system (<http://www.grisoft.com>).  
> Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002  
>  
> ---  
> Outgoing mail is certified Virus Free.  
> Checked by AVG anti-virus system (<http://www.grisoft.com>).  
> Version: 6.0.389 / Virus Database: 220 - Release Date: 9/16/2002  
>

-----  
Date: Thu, 26 Sep 2002 19:34:34 -0700  
From: "Trevor Jacobs" <[kg6cyn@earthlink.net](mailto:kg6cyn@earthlink.net)>  
To: "Low Power Amateur Radio Discussion" <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>  
Subject: [136221] Camping Again!!! Point Mugu-Thornhill Broome  
Message-ID: <001301c265ce\$6b1371e0\$6d20f4d8@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Taking the FT-817 portable again this weekend. This time we're heading to Thornhill Broome campgrounds, near Point Mugu, CA, for some beach camping! I've camped there before and can tell you all that there are absolutely no natural antenna supports. So, I'll be using the FT-817 and MP-1 (with extended base section and mobile whip) on 20 through 10 meters. This actually works out great, because I like the chit chat around the campfire at night with our campin' buddies anyway. So, look for me on the air Friday and Saturday morning and afternoon (Pacific time). I'll probably start on 10 and 15 and work 20 after about 21:00 UTC. Will try to be on the QRP CW frequencies +/- 3 KC. Might try to do some SSB, but really want to concentrate on CW this trip. Was even thinking of leaving the microphone at home, Hi! If any of you are in the area, stop by for a chilled 807 and some QRP chit chat. I'll let you know how the beach works out.

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----

Date: Thu, 26 Sep 2002 19:36:50 -0700 (PDT)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: QRP-1 <qrp-1@lehigh.edu>  
Subject: [136222] RE: [fpqrp] RE: BOUNCE fpqrp-1@mpna.com: Non-member submission from [Hank Kohl K8DD <k8dd@arrl.net>]  
Message-ID: <20020927023650.60111.qmail@web10001.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

"The Hunt For Purple April."

=====

73 es oo, Lloyd, K3ESE  
K1 # 00379 - 20M Rock-Mite - Hunk o' Wahr  
ARRL -ARS #1301 - FISTS #8774  
FPqrp #476 - QRParci #11147  
QRP-L #2415 - SOC #530  
HGT #6'1 - Wgt #190 - BT #B-

-----  
Do you Yahoo!?  
New DSL Internet Access from SBC & Yahoo!  
<http://sbc.yahoo.com>

-----  
Date: Thu, 26 Sep 2002 19:37:15 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <kkanalz@gcecispc.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136223] Re: Venus at maximum brightness  
Message-ID: <002d01c265ce\$cb195aa0\$6d20f4d8@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

They both wipe out Kling-ons around Ur-anus???

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Karl Kanalz <kkanalz@gcecispc.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, September 26, 2002 6:32 PM  
Subject: RE: Venus at maximum brightness

> Does that topic go back to the old joke about "How are toilet paper  
and Star Trek are related?"  
>  
> Karl K - W8TIF  
> McKinney, Texas  
>  
> -----Original Message-----  
> From: Emmersom Bigguns [SMTP:n8ie@woh.rr.com]  
> Sent: Thursday, September 26, 2002 7:50 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: Venus at maximum brightness  
>  
> Maybe if it were Urainus Ron, THAT would explain a lot about this  
place.  
>  
> ----- Original Message -----  
> From: "W2WU" <w2wurjj@verizon.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Thursday, September 26, 2002 8:36 PM  
> Subject: Fw: Venus at maximum brightness  
>  
>  
> > Wonder if this has any influence on strange topics (Grin) Forwarded  
FYI.  
> 73,  
> > Ron W2WU  
>  
>

-----  
Date: Thu, 26 Sep 2002 23:17:05 -0400  
From: "George Heron N2APB" <n2apb@erols.com>  
To: "NoVAQRP" <NoVaQRP@topica.com>,  
". Eastern PA QRP Club" <EPA-QRP@yahooogroups.com>,  
Subject: [136224] Homebrewer Spint report - N2APB  
Message-ID: <006801c265d4\$5d18e560\$a4c23ad0@GHLTP4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Had a fun time in the NJQRP Homebrewer Sprint this past Sunday. The rig was  
on in the background while I was melting solder all over the place on the  
bench. When I'd hear someone come into the passband of the rig, I'd slide

over across the floor and nab him. I guess it's a variant of the long-recommended S&P Technique, but this time S&P stood for "Slide & Pounce", or perhaps 'Solder & Pounce".

Only had about 25 Q's throughout 3 hours of S&P'ing across the floor of the shack, but met up with a bunch of nice ops in the process. Many mentioned "FB on QHB mag", thanks! Made it all worth while.

Per usual, we're going to have some neat prizes for top placers in the Sprint, so be sure to get your scores in to Ken at n2cq@arrl.net . My meager 25 Q's won't gain any honors (I wouldn't be eligible for a prize anyway), so you'll have a shot at it if you report your score in some fashion to Ken.

"Thank you" to you 25 guys here on the lists that I bumped into on Sunday. It's always a pleasure.

72/73, George N2APB  
n2apb@amsat.org

-----  
Date: Thu, 26 Sep 2002 20:29:10 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-l@lehigh.edu>  
Subject: [136225] Firth/Fishpool QRP Book ships on Friday as promised  
Message-ID: <003e01c265d6\$0dcde800\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys I just got back from the printers, and I have in my possession 38 copies of the New Graham Firth/Tony Fishpool book, "Simple Test Equipment for the QRPer". Note that the first printing was 100 copies, and 62 have been sold and will be placed in the mail in the morning. Guys, if you want a copy of this one, better hurry and send in your orders, they are going fast. Price of the book is \$12 postage paid for the US and Canada. They are to be ordered from:

Doug Hendricks  
Attn: QRP Book  
862 Frank Ave.  
Dos Palos, CA 93620

Please make all checks and money orders out to Doug Hendricks. All DX orders should go directly to Mr. Firth at his callbook address. Please

check with him for price and currency desired.

Thanks for your support of a great book and project.

Note that I have no financial interest in the book, but I was the one who goaded them into writing it. 72, Doug

-----  
Date: Thu, 26 Sep 2002 20:32:23 -0700  
From: "DTX" <dtx@wood.tzo.com>  
To: <qrp-1@lehigh.edu>  
Subject: [136226] Re: DSP for QRP  
Message-ID: <011101c265d6\$7e85cd60\$0c00a8c0@home>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Not "might have" Leon, it absolutely did. Early February of this year. It is what they considered a near end of life product, its goal was to get people to try it when it was new and leading edge and was priced at close to break even or small lose at that time. The DSP-10 folks were buying out the last of the stock and when faced with ongoing orders, a decision was made to raise the price to a "normal" profitable level. \$249. This same source of this information gave a heads up and many of us bought one at the then current price of \$89 on friday and had orders accepted by the automated system. On monday we received confirmation of our orders at \$249. Many phone calls and emails were made and as far as I know, all who called and challenged this were either billed at \$89 or chose to cancel the order. I know of no one that got billed \$249 when they had a order placed before midnight of the friday in question.

I was one who called and got mine at \$89 (plus a few \$\$ shipping and CA taxes, of course ;-) Talked to a very nice person about the situation and had no problems whatsoever. But anyone after that has been charged \$249. Which makes it only a reasonable deal if you actually need one, not a great deal to get a toy to play with <G>.

Gary WA6DTX  
----- Original Message -----  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, September 26, 2002 4:28 PM  
Subject: Re: DSP for QRP

>  
> ----- Original Message -----  
> From: "Mark Andrews" <KE4IOF@ke4iof.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Thursday, September 26, 2002 10:45 PM  
> Subject: Re: DSP for QRP  
>  
>  
> > On the ADI website it is \$245.00. Where did you get it for \$99.00?  
>  
> I didn't pay very much more than that in the UK for mine, three years ago,  
> from an ADI distributor. It might have gone up in price, they want people  
> to  
> use the newer ADSP-219x in new 16-bit DSP applications.  
>  
> 73, Leon  
> --  
> Leon Heller, G1HSM  
> leon\_heller@hotmail.com  
> [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
>

-----  
Date: Thu, 26 Sep 2002 20:35:01 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Subject: [136227] NorCal now has 30 Meter Crystals  
Message-ID: <003f01c265d6\$df6462e0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, I talked with the crystal company today, and the 10.116 crystals that I ordered in June will arrive on Monday!! They are \$3 each, including postage as all NorCal Crystals are. NorCal now stocks the following frequencies:

7.040 MHz.  
7.112 MHz.  
10.116 MHz  
14.060 MHz.

All crystals come in HC49U holders.

Note that we use 10.116MHz. as 10.106 is the site of many, many DX pileups. We chose 10.116 several years ago, and have sold over 2000 crystals at that frequency.

If you order 10 or more crystals, mix or match the frequencies, the cost is \$25 postage paid, which is \$2.50 per crystal including the postage!! NorCal supplies crystals in order to encourage the experimentation and building of QRP rigs. 72, Doug

-----  
Date: Thu, 26 Sep 2002 20:42:19 -0600  
From: "nr5a" <nr5a@hills.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136228] Re: October CQ has QRP theme issue; 73 has interview with founder of Morseexpress and owner of Oak Hill kits  
Message-ID: <035b01c265cf\$80cd9eb0\$e2d98dd0@jerry>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gee, I didn't even know 73 mag was still being printed. You can not get it anywhere in Rapid City, South Dakota at all. Is it any good now days?

Jerry - NR5A - South Dakota

-----  
Date: Sat, 28 Sep 2002 02:15:21 +1000  
From: "Graeme Zimmer" <gzimmer@bigpond.com>  
To: <Mark.Fancher@ae.ge.com>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136229] Re: DSP for QRP  
Message-ID: <021501c26641\$17343500\$5ddefea9@mainpc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi,

> I'd like to look into DSP for DC receivers, but I wouldn't know where to obtain  
> the hardware necessary. Does anyone out there have any advice on where

one

> could get a DSP development board - or something as suitable?

I had great fun using the Alesis DSP chip to develop a Phasing type Receiver/Transmitter.

see ...

<http://www.users.bigpond.com/gzimmer/FiltProgs/Phasing/PhasingRX.html>

The Alesis chip uses 28 bits and is capable processing a 1024 tap FIR at 50 Khz.

This is a much higher performance than the various DSP Development Kits are capable of.

Even a Pentium can't come close to these figures...

The Alesis can produce a Phasing RX with awesome selectivity and around 100 db of AGC.

In my RX, I achieved around 55 db of sideband suppression with no adjustments at all.

Unfortunately there was almost zero interest in the kit so I gave up.

I would be happy to design a MK 3 PCB which included all the lessons learnt, but I would need about 100 starters to make it economically viable.

A prototype panel of these 4 layer boards costs around AUS \$750

It took three revisions of the existing PCB before I was completely happy with it.

That cost about US \$4500.

And of course, buying the parts in small quantities is a whole different story...

Building these kits is great fun, but it is also a great way to go broke fast.

Cheers ..... Zim ..... VK3GJZ

-----

Date: Fri, 27 Sep 2002 00:17:43 -0400

From: "W2WU" <w2wurjj@verizon.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [136230] Fw: Sneak Preview of an Extraordinary Movie

Message-ID: <005f01c265dd\$247aca80\$71c2fea9@w2wu>

MIME-Version: 1.0

Content-Type: text/plain;



charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

List:

FYI and viewing. 73, Ron W2WU

----- Original Message -----

From: NASA Science News <snglist@snglist.msfc.nasa.gov>

To: NASA Science News <snglist@snglist.msfc.nasa.gov>

Sent: 26 September, 2002 18:12

Subject: Sneak Preview of an Extraordinary Movie

> NASA Science News for September 26, 2002

>

> On October 2nd, NASA TV plans to broadcast the first live video from a  
> space shuttle's fuel tank as it soars into Earth orbit on the belly of  
> Atlantis and falls back again.

>

> FULL STORY at

>

> [http://science.nasa.gov/headlines/y2002/26sept\\_goosebumps.htm?list845440](http://science.nasa.gov/headlines/y2002/26sept_goosebumps.htm?list845440)

>

>

> You are currently subscribed to snglist as: w2wurjj@verizon.net

>

> This is a free service.

>

> To UNSUBSCRIBE, or CHANGE your address on this service, go to

> <http://science.nasa.gov/news/subscribe.asp?e=w2wurjj@verizon.net>

> or send a blank email to [leave-snglist-845440A@snglist.msfc.nasa.gov](mailto:leave-snglist-845440A@snglist.msfc.nasa.gov).

>

> Tell a kid you know about NASA Kids Club -- they collect virtual trading  
cards, trade them online, have their own e-mail account, and participate in  
great learning activities for extra club points. Go to  
<http://kids.msfc.nasa.gov/Club/Login/SignUp.asp?sng> for more info.

>

> If you need to get in touch with us directly, please go to

> <http://science.nasa.gov/comments>

>

> Home page: <http://science.nasa.gov>

-----

Date: Fri, 27 Sep 2002 15:11:51 +1000

From: "Paul Taylor" <[ptaylor@agentissoftware.com](mailto:ptaylor@agentissoftware.com)>

To: "Low Power Amateur Radio Discussion" <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>

Subject: [136231] RE: DSP for QRP  
Message-ID: <IDFLHJDJFJDDCLBEMOAGEMDCAAA.ptaylor@agentissoftware.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Zim,

Your application of your DSP module to a Phasing receiver looks fascinating.

> <http://www.users.bigpond.com/gzimmer/FiltProgs/Phasing/PhasingRX.html>

> but I would need about 100 starters to make it economically viable.

I would be interested, given a realistic total cost could be estimated up front.

Perhaps lists like this one would make a Mark3 project viable?

72 Paul VK3HN.

-----  
Date: Fri, 27 Sep 2002 01:18:58 -0400 (EDT)  
From: George Gingell <k3tks@u1.abs.net>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [136232] Re: Look it up!  
Message-ID: <20020927004846.L85495-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Guess it is time to chime in on this one. Yes, you can have too many books. If you don't think so, just my XYL, she will set you straight:^^}

I have one whole room dedicated to Amateur Radio and other assorted Electronics and Computer books. I wish I had 10% of it in my head, I don't.

It would be nice to know everything, but despite some comments to the contrary, I don't and I suspect that most here on the list are in the same ballgame. There are a few that although they do not know everything, they are pretty darn close. You know them by their actions. They are the ones who try to give an answer with out criticizing the individual for asking the so called "Dumb Question". It can only be a dumb question if you already know the answer.

The one positive thing that I noticed in this thread was that of Gary Lee, Here is a man who has good reason to ask us for assistance, yet he still gives it a shot in the dark first. Literally. Gary, if you ever need someone to look it up for you, send me an email or give me a ring on the phone. The number is in the signature line.

I would have thought that the text at least would have been converted over for use on a reader of some sort by now.

I recall not so long ago a discussion about translating the QRP Quarterly into verbal form for those who are sight impaired.

I also know Bruce, and while I don't always agree with him, I would suggest that he is not a mean spirited person. He just sees things a bit differently than others at times.

I might also suggest that just because you have all of the books and a pretty good idea of where to look, does not mean that you will find the answer so easy. It is for some to read the book and do the task, for others, they might just need a bit of coaching to get it into their head.

That does not make it right or wrong, just a fact of life.

Let's see if we can get back to helping each other here on qrpl. Isn't that one of the reasons we are here? O.K. maybe not so for a few...

Does that mean that we have to follow suit?

One last comment and I QRT for the night. I don't care what anyone says, Crystals are not Cheap in onesies and twosies from anyone!

Yes, Doug Hendricks has some wonderful prices on those QRP Rocks from Norcal. OTOH - they buy them in quantities that none of us mere mortals could begin to afford.

A few here seem to suggest that Brice is making a fortune on the "QRP Rocks" that he has offered to us. I can assure any and all that that is just plain untrue.

The same goes for a few other of our Small Parts, Kits, and Crystal suppliers here on the list.

I know I paid about \$ 10.00 each for those FT-243 rocks I got from CW-Crystals a few years back. John, had the blanks and the machines to make them at that. Did we get ripped off. Absolutely not! I bought a couple of hundred bucks worth of them. Now I wish I had gotten more.

Want a Ham band FT-243 now. Go check around and see how much to have one made.

I don't mean to add to the negative side of the thread here, but the truth of it is that I don't see anyone ripping anyone off around here.

GN es keep the Delete Key Warm. :^}

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.  
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,  
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117  
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,  
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -  
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, & I.Q.S.F. Donations Accepted.

RU-QRP? Club Representative, U.S. Treasurer & Founder of I.Q.S.F.

Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

-----  
Date: Fri, 27 Sep 2002 05:50:55 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: marsgal42@hotmail.com, qrp-1@lehigh.edu  
Subject: [136233] Re: DSP for QRP  
Message-ID: <F50NsJUHQHh2wLCVY1400009890@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: "laura halliday" <marsgal42@hotmail.com>  
>Reply-To: marsgal42@hotmail.com  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Re: DSP for QRP  
>Date: Thu, 26 Sep 2002 15:38:22 -0700  
>  
>Mark KE4IOF wrote about the ADSP-2181 EZKIT-Lite:  
>  
>>On the ADI website it is \$245.00. Where did you get  
>>it for \$99.00?  
>  
>The operative phrase is \*a couple of years ago\*. At  
>the time it was available from any Analog Devices  
>distributor for the MSRP of \$US 99.00. I bought mine  
>from Newark.  
>  
>Yes, I have tried the TI DSPs. The C compiler that  
>some colleagues at work used to use warned you in the  
>release notes that it did not always generate the correct  
>instructions!  
>  
>DSP seems to be one of those ham radio blind spots,  
>with few hams even considering the possibility of rolling  
>their own code, totally dependent on others to create  
>the applications. Sad.

It's very easy to code FIR filters (the most useful ones for our purposes)  
for the ADI EZ-Kit using the macros from the Rutgers web site someone  
mentioned. Actually designing the filters is also easy, as there are plenty  
of free tools around to generate the coefficients and simulate the filters.

Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon\_heller@hotmail.com

My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

My low-cost Altera Flex design kit: <http://www.leonheller.com>

---

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

-----

Date: Fri, 27 Sep 2002 05:54:49 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: mark\_ke5my@juno.com, qrp-1@lehigh.edu  
Subject: [136234] Re: Asking questions  
Message-ID: <F1549nYXC49qucWCh8f000072a6@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: Mark Fields <mark\_ke5my@juno.com>  
>Reply-To: mark\_ke5my@juno.com  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Asking questions  
>Date: Thu, 26 Sep 2002 18:59:26 -0500  
>  
> I remember a lab instructor (college chemistry)  
>saying "It's better to ask a dumb question than to  
>make a dumb mistake."

Then there's the other one I see quite often: "There are no stupid questions, just stupid answers".

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790  
Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

---

MSN Photos is the easiest way to share and print your photos:  
<http://photos.msn.com/support/worldwide.aspx>

-----  
Date: Fri, 27 Sep 2002 01:58:17 -0400 (EDT)  
From: George Gingell <k3tks@u1.abs.net>  
To: QRP List <qrp-1@lehigh.edu>  
Subject: [136235] Re: A use for a can?  
Message-ID: <20020927013544.F85495-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Leon,

I have the perfect use for your Syrup can. A not so QRP Dummy load.

I seem to recall in one of my British Ham Books, Maybe Practical Wireless, or a G-QRP Circuit Notebook.

PW most likely, Wires and Waves or one of the other handy dandy project books they used to offer.

In any case there is a very fine Dummy Load/Wattmeter project in one of them. I vaguely recall a bunch of 1K @ 1W carbon resistors in a nice bundle standing tall inside what may have been The Syrup Can. I only remember starting the project myself using something like a "Potted Ham" :^} can. I think mine has a BNC connector on it. and It strikes me that there was a LED on it. I think that let you know when you had the QRP Full Gallon (5 Watts).

Maybe I can locate the Book and give better report on the details.

Speaking of "Tins", I got a really Great one over here recently.

I have not decided what to put in it yet. Something QRPP for sure.

It is 2-3/4" in diameter and 3/4" in depth. "DRAGON FIRE" Gum. Bright Red Tin with a Black Dragon Embossed on the lid. My XYL liked the gum. :^}

It is very close to the size of the new round Altoids Tins.

I am thinking of putting my u80 Transceiver in it. (The Real McCoy from RV3GM, Oleg Borodin). The circuit predates the Pixie and appeared in SPRAT several years ago. Late 80's, or Early 90's.

I also have plans for a Keyer and Paddles to go into the Round Altoids Tin.

I Re-Cycle all sorts of things here. Even save Auto wheel Balancing Weights for the Lead, and Millings from cutting keys for the Brass.

Looks like I may take a Goldsmithing course this year. Got any old Sovereigns you want to get rid of cheap? :^} Crowns also... :^}

QRPP Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.  
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,  
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117  
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,  
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -  
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, & I.Q.S.F. Donations Accepted.

RU-QRP? Club Representative, U.S. Treasurer & Founder of I.Q.S.F.

Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

-----  
Date: Fri, 27 Sep 2002 01:12:42 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: k3tks@u1.abs.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [136236] Crystal Prices  
Message-ID: <3D93F6DA.4CDCA2C8@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Maybe it is time to inject an Old Fart memory data point into this crystal price discussion.

I may not recall what I was doing 3 hours ago - sound familiar? - but I clearly remember buying Bliley AX-2 crystals for my first rig in 1946. They cost - get this

\$2.80 each

Now, apply the inflation math to that figure and compare the price of a loaf of bread now (\$2) to then (\$0.15) and figure out what Mr. Bliley would be asking for those AX-2 crystals today.

I think that Brice, Doug and all the others are doing a fantastic job of providing us with components at unbelievably low prices. Maybe only we old



coots who have seen what inflation \*really\* is can understand this.

Don't bite the hands that are feeding you, gents. You never had it so good! <:}

73/72, George

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

George Gingell wrote:

> One last comment and I QRT for the night. I don't care what anyone says,  
> Crystals are not Cheap in onesies and twosies from anyone!

>

> Yes, Doug Hendricks has some wonderful prices on those QRP Rocks from  
> Norcal. OTOH - they buy them in quantities that none of us mere mortals  
> could begin to afford.

>

> A few here seem to suggest that Brice is making a fortune on the "QRP  
> Rocks" that he has offered to us. I can assure any and all that that is  
> just plain untrue.

>

> The same goes for a few other of our Small Parts, Kits, and Crystal  
> suppliers here on the list.

>

> I know I paid about \$ 10.00 each for those FT-243 rocks I got from  
> CW-Crystals a few years back. John, had the blanks and the machines to  
> make them at that. Did we get ripped off. Absolutely not! I bought a  
> couple of hundred bucks worth of them. Now I wish I had gotten more.

>

> Want a Ham band FT-243 now. Go check around and see how much to have one  
> made.

-----

Date: Thu, 26 Sep 2002 23:36:42 -0700

From: "Dave Fifield" <dave@redhotradio.com>

To: "Brice D. Hornback" <bdh@cyberbound.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [136237] Re: QRP Crystals Now Available!!!

Message-ID: <00ad01c265f0\$3de83620\$0200a8c0@AD6A>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Well, I can't let this go without one more round, sorry.  
I won't let my fellow hams be taken like this...

The 3.579MHz crystal in Brice's list....you can buy these from just about anywhere for less than a buck! There's nothing custom or special about it. It's a standard crystal used for TV color burst frequency control and is dirt cheap pretty much anywhere you look. Here are a few examples:

Mouser = \$0.57 or less  
Digikey = \$0.51 or less (ok, so they have a \$25 min., I know)  
Halted (local store) = haggle around \$0.50  
All Electronics (local store) = haggle around \$0.50  
Excess Solutions (local store) = haggle around \$0.50

I'm sure there's a local junk store near most of you where they have these TV color burst crystals way cheaper than \$5.

Alternatively, if you have a few spare minutes, you can get one for FREE from just about any old knackered color TV. Most TV repair shops will be happy to give you an old chassis to take apart - just ask.

The set of 5 crystals is \$25 shipped - that's \$20 for the crystals and \$5 for the shipping - WHOA!!!! - how can it possibly cost \$5 to ship 5 little crystals in a jiffy bag???

The last time I shipped a small parts order like this, it cost just 33 cents for the jiffy bag and 44 cents for the postage. That's a total packaging and shipping cost of 77 cents. The postage has gone up a few cents since then, but the total is still way less than \$5!

Let's take another look at the crystal deal in the light of all this information now shall we:

4 custom crystal frequencies plus one color burst crystal, shipped, for \$25. That works out to about \$6 per custom crystal when you subtract the actual shipping cost and the cost of a cheap color burst crystal from the deal. Now that's not inexpensive at all, sorry. It's TWICE the price of the NorCal crystals.

Give it up Brice. If the profits all went to support a major QRP event such as QRPacificon or Atlanticon or FDI or whatever (to pay for the speaker's rooms, flights, other conference costs, etc.) then I'm sure we wouldn't mind so much, but, as far as I can tell, you are pocketing the gross

profits here personally, right?

72, Dave, AD6A

-----  
Date: Fri, 27 Sep 2002 00:38:19 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <dave@redhotradio.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136238] Re: QRP Crystals Now Available!!!  
Message-ID: <00c601c265f8\$d9db06e0\$6d20f4d8@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>as far as I can tell, you are pocketing the gross  
> profits here personally, right?  
> >  
> 72, Dave, AD6A

Dave,

Let's drop this. You're way out of line! It's a small business, so what. You are the ONLY one bitching about this. BTW, you did make profits at Red Hot Radio right??? If not then you are a lousy business man. Brice is a descent guy and a personal friend of mine, and his heart is in the right place. Do you think that Wayne and Eric at Elecraft are not making a profit? How about Marshall at OHR/Morse Express or Dave at Small Wonder Labs? Brice never claimed that any money was going to support anything at all. He just offered a product to interrested individuals. God forbid I ever offer a kit to this group, I'll be chastized for not giving it away at cost or supporting some cause with the profits! It takes time and effort for someone to do the leg work to put a kit or a package deal of crystals together, so why not expect the guy to make a little dough. I don't see anyone getting ripped off! So what's the big deal and why are you so pissed off at this? I'm sure I speak for most people on this list when I say that I'm glad that we have people on this list that can provid the QRP community with components at reasonable prices, and I for one like to support this as well. I'd rather have my hard earned \$\$ go into the pocket of a fellow QRPer than some stiff at "Acme Parts, Inc." for the same product!

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----  
Date: Fri, 27 Sep 2002 01:36:37 -0700  
From: "Dave Fifield" <dave@redhotradio.com>  
To: "Trevor Jacobs" <kg6cyn@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136239] Re: QRP Crystals Now Available!!!  
Message-ID: <001301c26600\$feed6880\$0200a8c0@AD6A>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Trevor,

Tell me. If there were two radio kit manufacturers offering essentially the same kit but at vastly different prices, would you complain if there were emails pointing the fact out to our members? No, I think not. This is exactly the same scenario.

I have nothing against Brice personally at all (I have never met the guy or had anything to do with him), and I am certainly not "p----- off" (actually, I thought language like that was vorboten on this email reflector?). My quest here is, as I have stated, to get the best deal possible for the group. Do you see anything in any of my emails that indicates otherwise? If doing that involves a little treading on the toes of your good buddy Brice, then so be it. As you point out, I seem to be the only person bothered by this. Well then, if I didn't say anything about it, no one would, and you'd all be paying too much for some of your crystals, right? BTW, personally, I think Elecraft's products are way overpriced, even for a small business that needs to make some profit for growth and R&D etc.

As a matter of fact, when the books were last tallied, Red Hot Radio made absolutely no profit at all. Sales of the RHR Balanced Line Attenuator (BLA2000 - not a ham radio product) have subsidized the cost of the RH40 and RH20 kits for some time now. However, far from being a "lousy businessman", this shows just what excellent control I had over my costs - Red Hot Radio was never set up to make money at all. It was done to bring the design to you, the QRPers of this world at as low a price we could possibly manage. I make plenty of money from my full

time career - I don't need pin money from RHR to supplement my income, thank you.

Trevor, please take a long moment to look at the facts that I have presented and then you will see I am right and have done nothing wrong, having stuck to the hard facts throughout.

Have a nice day,  
72, Dave, AD6A

----- Original Message -----

From: "Trevor Jacobs" <kg6cyn@earthlink.net>

To: <dave@redhotradio.com>; "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, September 27, 2002 12:38 AM

Subject: Re: QRP Crystals Now Available!!!

> >as far as I can tell, you are pocketing the gross  
> > profits here personally, right?  
> > >  
> > 72, Dave, AD6A  
>  
> Dave,  
>  
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> You are the ONLY one bitching about this. BTW, you did make profits at  
> Red Hot Radio right??? If not then you are a lousy business man. Brice  
> is a descent guy and a personal friend of mine, and his heart is in the  
> right place. Do you think that Wayne and Eric at Elecraft are not making  
> a profit? How about Marshall at OHR/Morse Express or Dave at Small  
> Wonder Labs? Brice never claimed that any money was going to support  
> anything at all. He just offered a product to interrested individuals.  
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> giving it away at cost or supporting some cause with the profits! It  
> takes time and effort for someone to do the leg work to put a kit or a  
> package deal of crystals together, so why not expect the guy to make a  
> little dough. I don't see anyone getting ripped off! So what's the big  
> deal and why are you so pissed off at this? I'm sure I speak for most  
> people on this list when I say that I'm glad that we have people on this  
> list that can provid the QRP community with components at reasonable  
> prices, and I for one like to support this as well. I'd rather have my  
> hard earned \$\$ go into the pocket of a fellow QRPper than some stiff at  
> "Acme Parts, Inc." for the same product!  
>  
> 73's Trev KG6CYN  
> <http://home.earthlink.net/~kg6cyn>  
> <http://www.qsl.net/kg6cyn>

>  
>  
>  
>

-----  
Date: Fri, 27 Sep 2002 06:12:51 -0400  
From: "Charles Mabbott" <aa8vs@msn.com>  
To: kkanalz@gcecisp.com, qrp-1@lehigh.edu  
Subject: [136240] Venus at maximum brightness and then some  
Message-ID: <F12Vdbs52bu9THWGu7I0000ce87@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Short diversion while on subject of Star Trek

How the Klingons programmers do it.

Klingon Programming

=====

Top 12 things likely to be overheard if you had a  
Klingon Programmer

- 12) "Specifications are for the weak and timid!"
- 11) "This machine is GAGH! I need dual Pentium  
processors if I am to do battle with this code!"
- 10) "You cannot really appreciate Dilbert unless  
you've read it in the original Klingon."
- 9) "Indentation?! - I will show you how to indent  
when I indent your skull!"
- 8) "What is this talk of 'release'? Klingons do not  
make software 'releases'. Our software 'escapes' leaving a bloody  
trail of designers and quality assurance people in it's wake."
- 7) "Klingon function calls do not have 'parameters'  
- they have 'arguments' -- and they ALWAYS WIN THEM."
- 6) "Debugging? Klingons do not debug. Our software  
does not coddle the weak."
- 5) "I have challenged the entire quality assurance

team to a Bat-Leth contest. They will not concern us again." (The QA team is ready to Bat-Leth, arm wrestle or anything else to which the engineers want to challenge us ;-)

4) "A TRUE Klingon Warrior does not comment his code!"

3) "By filing this SPR (Punch List Report) you have challenged the honor of my family. Prepare to die!"

2) "You question the worthiness of my code? I should kill you where you stand!"

1) "Our users will know fear and cower before our software! Ship it! Ship it and let them flee like the dogs they are!"

Happy Friday guys!

73 oo

Chuck AA8VS

>From: Karl Kanalz <kkanalz@gcecis.com>

>Reply-To: kkanalz@gcecis.com

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Subject: RE: Venus at maximum brightness

>Date: Thu, 26 Sep 2002 20:32:05 -0500

>

>Does that topic go back to the old joke about "How are toilet paper and

>Star Trek are related?"

>

>Karl K - W8TIF

>McKinney, Texas

>

>-----Original Message-----

>From: Emmersom Bigguns [SMTP:n8ie@woh.rr.com]

>Sent: Thursday, September 26, 2002 7:50 PM

>To: Low Power Amateur Radio Discussion

>Subject: Re: Venus at maximum brightness

>

>Maybe if it were Uranus Ron, THAT would explain a lot about this place.

>

>----- Original Message -----

>From: "W2WU" <w2wurjj@verizon.net>

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Sent: Thursday, September 26, 2002 8:36 PM

>Subject: Fw: Venus at maximum brightness

>

>

> > Wonder if this has any influence on strange topics (Grin) Forwarded FYI.  
>73,  
> > Ron W2WU

"If your not part of the solution,  
there is good money to be made  
prolonging the problem."  
<http://68.43.100.7:81/aa8vs>

-----  
Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

-----  
Date: Fri, 27 Sep 2002 06:27:23 -0400  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [136241] TNX . . . Nor'Easter, Book, Re: Clandestine Radio / SWL ing  
Message-ID: <20020927.062737.-278859.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

WOW . . .  
Tnx for all the response  
a wealth of information  
both direct es on list  
re my questions  
Subject: Re: Clandestine Radio / SWL ing.

No, I (n3aaz) do not know the  
Nor'Easter ship date.  
I fell sure (it is in good hands)  
Doug's Group is up to their  
arpmits in projects, TNX.

TNX ! ! also to Doug's 'goadng' Group :>)) . . .  
es  
TNX ! ! to Graham Firth/Tony Fishpool's ("goaded") Group :>)) . . .  
re . . .  
"Simple Test Equipment for the QRPer"  
project build book we will now



have to check and service our radios.

100ks like we will need a special license  
to have this much building fun all at once.

My pleasure I'm sure . . .

John  
N3AAZ  
FM 19 xa

---

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<http://dl.www.juno.com/get/web/>.

---

Date: Fri, 27 Sep 2002 08:19:28 -0400  
From: "Jason Hissong" <jhisson1@columbus.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136242] FS or FT: K2 with bells and whistles  
Message-ID: <005301c26620\$20e83270\$6e01a8c0@procyon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi guys...

I am getting a tower soon and I want to get a QRO rig that does both QRP and QRO. Plus, sometime in the near future I want to build my own K2 (the one I have was already built). I have for sale:

K2 Serial number 1270.

KSB2

KAT2

KNB2

K160RX

KBT2

KAF2

MH2

Speaker Grill Mod

Yaesu Knob

Does not have the KI02

This radio is in mint condition. No apparent dents or scratches. Includes

manual. I have used this probably 20 times this year and that is all. This radio is in perfectly working order. Will to trade for FT746 (old version, not pro), FT756, or FT756PRO (old version not the 2) for the K2+cash. Also, let me know what you have in regards to Kenwood or Yaesu. Asking 950.00 + shipping. I accept paypal so you can use your credit card. Please add 3% (\$28.00) to price if using PayPal.

Thanks es 72/73...

Pictures available upon request.

Jason Hissong  
N8XE

BTW... I am still building kits (small ones) working my way up to my own K2 built by me!

-----  
Date: Fri, 27 Sep 2002 08:20:20 -0400  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [136243] Antenna Question  
Message-ID: <3D944D04.4EC5A27C@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

I have done zero research on this subject. This just popped in my head and I hope that me not doing intensive research on this matter first will not stop you from elmering me on this subject. I do have the ARRL Antenna Book, an excellent publication btw, and HF Antennas for all Locations by Les Moxon, also an excellent publication. I haven't specifically looked up antenna interactions, but that is what my question is about.

I am thinking of suspending an inverted V and a sloping end fed half wave antenna from the same support. The reason I contemplate doing this is because of the arrangement of the trees in my not very large backyard. The inverted V would run perpendicular to the sloping EFHWA. The inverted V will be fed with ladder line. Since the EFHWA will sloping at about a 65 degree angle I may not even benefit very much from having an inverted V also I guess. Anyway, I'm curious to know if I would run into major trouble having the end of the EFHWA so close to the feed point of the inverted V?

Thanks and 73,  
--Alex (KR1ST)

-----  
Date: Fri, 27 Sep 2002 08:30:44 -0400  
From: "Steve Blary" <steve@eclipsecat.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136244] beginner's Antenna modeling software  
Message-ID: <PPEIIGOHKOAKJAPHAODHEEHLDMAA.steve@eclipsecat.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I would like to model some simple wire antennas. What program would the list recommend that is relatively easy to learn/use yet accurate?

Thanks!  
Steve Blary N1XC

-----  
Date: Fri, 27 Sep 2002 08:49:30 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: kb9zuv@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [136245] Re: look it up  
Message-ID: <3D9453DA.E29CD86E@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Everyone has special circumstances. You are blind, I am a diabetic who is rapidly losing my close vision. I would suggest you contact the League for help in having some go their books either translated into Braille or made up as audio tapes. This seems like a good cause! Incidentally, how do you read your email?

73

-----  
Date: Fri, 27 Sep 2002 08:52:23 -0400  
From: Bruce Muscolino <w6toy@erols.com>

To: Karl Kanalz <kkanalz@gcecis.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [136246] Re: Collecting Books of ALL Kinds  
Message-ID: <3D945487.9EDFE6B3@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, I am sure someone would find fault with a large book collection!  
I have one, along with a VERY large magazine collection too. I guess I  
am old fashioned, I find it easier to look up references in books and  
transfer them to my writings than to look them up on CD's and do the  
same thing!

73

-----  
Date: Fri, 27 Sep 2002 09:00:46 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: kkanalz@gcecis.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [136247] Re: Look It Up!  
Message-ID: <3D94567E.24F6F123@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

It makes a big difference when you ask what is ground versus how does  
ground affect my antenna! If you don't read, you don't know enough to  
phrase an intelligent question. You waste a lot of time weeding out  
irrelevant answers, though they may be correct, just not applicable to  
your question!

72

>  
> First, do a bit of research and then, and only then, post your question for  
> clarification to the (or any other) list!  
>

-----  
Date: Fri, 27 Sep 2002 08:08:55 -0500  
From: "Brian" <brian@iquest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136248] Re: QRP Crystals Now Available!!!  
Message-ID: <004f01c26627\$093a5250\$0e64030a@bmurrey2K>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dave,

My advice to you is simple.

DON'T BUY THEM FROM BRICE IF YOU DON'T WANT TO.

Why don't you explain to the group, since you feel so strongly about it, the personal reasons you have for bashing another ham that's just trying to fill a need in the QRP community.

It's America, we can buy and sell at whatever the market will permit. You can't put a price on VALUE. You may not think his pricing is worth it, but OBVIOUSLY, a lot of other hams DO.

73

----- Original Message -----

From: "Dave Fifield" <dave@redhotradio.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, September 27, 2002 1:36 AM  
Subject: Re: QRP Crystals Now Available!!!

> Well, I can't let this go without one more round, sorry.  
> I won't let my fellow hams be taken like this...  
>  
> The 3.579MHz crystal in Brice's list....you can buy these from  
> just about anywhere for less than a buck! There's nothing  
> custom or special about it. It's a standard crystal used for TV  
> color burst frequency control and is dirt cheap pretty much  
> anywhere you look. Here are a few examples:  
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> Mouser = \$0.57 or less  
> Digikey = \$0.51 or less (ok, so they have a \$25 min., I know)  
> Halted (local store) = haggle around \$0.50  
> All Electronics (local store) = haggle around \$0.50  
> Excess Solutions (local store) = haggle around \$0.50  
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> I'm sure there's a local junk store near most of you where they  
> have these TV color burst crystals way cheaper than \$5.  
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> Alternatively, if you have a few spare minutes, you can get  
> one for FREE from just about any old knackered color TV.

> Most TV repair shops will be happy to give you an old  
> chassis to take apart - just ask.  
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> The set of 5 crystals is \$25 shipped - that's \$20 for the  
> crystals and \$5 for the shipping - WHOA!!!! - how can it  
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>  
> The last time I shipped a small parts order like this, it cost  
> just 33 cents for the jiffy bag and 44 cents for the postage.  
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> postage has gone up a few cents since then, but it the total  
> is still way less than \$5!  
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> shipped, for \$25. That works out to about \$6 per custom  
> crystal when you subtract the actual shipping cost and the  
> cost of a cheap color burst crystal from the deal. Now  
> that's not inexpensive at all, sorry. It's TWICE the price  
> of the NorCal crystals.  
>  
> Give it up Brice. If the profits all went to support a major  
> QRP event such as QRPacificon or Atlanticon or FDI  
> or whatever (to pay for the speaker's rooms, flights, other  
> conference costs, etc.) then I'm sure we wouldn't mind so  
> much, but, as far as I can tell, you are pocketing the gross  
> profits here personally, right?  
>  
> 72, Dave, AD6A  
>  
>

-----  
Date: Fri, 27 Sep 2002 08:24:34 -0500  
From: "Brian" <brian@iquest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136249] Re: QRP Crystals Now Available!!!  
Message-ID: <006601c26629\$391ed750\$0e64030a@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Dave Fifield" <dave@redhotradio.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, September 27, 2002 3:36 AM

Subject: Re: QRP Crystals Now Available!!!

> Hello Trevor,

>

> Tell me. If there were two radio kit manufacturers offering  
> essentially the same kit but at vastly different prices, would  
> you complain if there were emails pointing the fact out to our  
> members? No, I think not. This is exactly the same scenario.

No Dave, this is NOT the same thing. You have taken GREAT pains to try and establish some sort of personal vendetta against Brice. You are making this personal. Don't confuse yourself by thinking you're doing some kind of service. You're trying to show Brice as some kind of thief or cheat. We, as in almost everyone here, just don't know WHY you're doing it.

Here is an example of service:

Hey Brice has crystals for \$5 each, but I saw that Doug Hendricks has the same ones for \$3 each.

Nothing wrong with that..but we might also find out later that Brice has them NOW and Doug can't ship for a week. All of a sudden the extra \$2 MIGHT NOT BE THAT IMPORTANT...if you really NEED them right now. That's the VALUE ADD.

Oh but to just let you know, Brice operates the QRPP-I website and he doesn't do it for free. He has costs. His crystal and kit sales probably help to defray those costs...but I doubt they provide him with enough income to take his kids to the local Buger-Rama on a regular basis. I'm speculating here....as I don't know for sure about the burgers.

> I have nothing against Brice personally at all (I have never  
> met the guy or had anything to do with him), and I am certainly  
> not "p----- off" (actually, I thought language like that was  
> vorboten on this email reflector?). My quest here is, as I have

I smell a straw man.

> stated, to get the best deal possible for the group. Do you see  
> anything in any of my emails that indicates otherwise? If doing

> that involves a little treading on the toes of your good buddy  
> Brice, then so be it. As you point out, I seem to be the only  
> person bothered by this. Well then, if I didn't say anything  
> about it, no one would, and you'd all be paying too much for  
> some of your crystals, right? BTW, personally, I think Elecraft's  
> products are way overpriced, even for a small business that  
> needs to make some profit for growth and R&D etc.

So when will Red Hot Radio be offering crystals for less than \$3 each?  
You ARE interested on providing the BEST deal to the group right? You  
do understand the difference between a good deal and a good  
price...right?

> As a matter of fact, when the books were last tallied, Red Hot  
> Radio made absolutely no profit at all. Sales of the RHR Balanced  
> Line Attenuator (BLA2000 - not a ham radio product) have  
> subsidized the cost of the RH40 and RH20 kits for some time  
> now. However, far from being a "lousy businessman", this shows  
> just what excellent control I had over my costs - Red Hot Radio  
> was never set up to make money at all. It was done to bring the  
> design to you, the QRPers of this world at as low a price we  
> could possibly manage. I make plenty of money from my full  
> time career - I don't need pin money from RHR to supplement  
> my income, thank you.

Well Dave, that is very generous of you. No sarcasm intended or  
implied.

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

-----

Date: Fri, 27 Sep 2002 14:03:56 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power" <qrp-l@lehigh.edu>  
Subject: [136250] Alesis DSP  
Message-ID: <DAV69q8qrXCUY8ItUz000058bc@hotmail.com>



MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I looked at the Alesis DSP a few months ago, but didn't think it all that useful, perhaps because I was used to the offerings from major DSP players like TI and ADI. Zim's posting prompted me to have another look, and I've just ordered two of the DSPs, and two each of the matching ADC and DAC, from Profusion, their UK distributor. The cost was a mere 15 pounds (UK), plus VAT and delivery, direct from their web site! Where I used to work we paid about \$30 for the ADI DSP we used, in 1,000s!

I've also downloaded the \*free\* development software (assembler) and some application info from the Alesis web site. The development tools are a bit primitive by current standards, but it's a simple device, and I can't complain about the price. A simulator would be nice, one would be quite easy to develop.

I'll be designing a PCB for the chips over the weekend, and should have it ready for assembly when they materialise next week. I'll put an Atmel AVR of some description on the board, for booting the DSP, and comms with a host PC, and an EEPROM for program storage.

73, Leon  
--  
Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Fri, 27 Sep 2002 09:27:57 -0400  
From: "Babe" <wa2dgd@comcast.net>  
To: <dave@redhotradio.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136251] Re: QRP Crystals Now Available!!!  
Message-ID: <014101c26629\$b1bad920\$0700a8c0@Babe>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just a quick question. Is anybody entitled to make a little profit for their time and effort?  
Don't give it up Brice!!! When the time comes that I need some xtals, I sure hope you are there.

73

WA2DGD

----- Original Message -----

From: "Dave Fifield" <dave@redhotradio.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, September 27, 2002 2:36 AM

Subject: Re: QRP Crystals Now Available!!!

> Well, I can't let this go without one more round, sorry.  
> I won't let my fellow hams be taken like this...  
>  
> The 3.579MHz crystal in Brice's list....you can buy these from  
> just about anywhere for less than a buck! There's nothing  
> custom or special about it. It's a standard crystal used for TV  
> color burst frequency control and is dirt cheap pretty much  
> anywhere you look. Here are a few examples:  
>  
> Mouser = \$0.57 or less  
> Digikey = \$0.51 or less (ok, so they have a \$25 min., I know)  
> Halted (local store) = haggle around \$0.50  
> All Electronics (local store) = haggle around \$0.50  
> Excess Solutions (local store) = haggle around \$0.50  
>  
> I'm sure there's a local junk store near most of you where they  
> have these TV color burst crystals way cheaper than \$5.  
>  
> Alternatively, if you have a few spare minutes, you can get  
> one for FREE from just about any old knackered color TV.  
> Most TV repair shops will be happy to give you an old  
> chassis to take apart - just ask.  
>  
> The set of 5 crystals is \$25 shipped - that's \$20 for the  
> crystals and \$5 for the shipping - WHOA!!!! - how can it  
> possibly cost \$5 to ship 5 little crystals in a jiffy bag???  
>  
> The last time I shipped a small parts order like this, it cost  
> just 33 cents for the jiffy bag and 44 cents for the postage.  
> That's a total packaging and shipping cost of 77 cents. The  
> postage has gone up a few cents since then, but it the total  
> is still way less than \$5!  
>  
> Let's take another look at the crystal deal in the light of all  
> this information now shall we:  
>  
> 4 custom crystal frequencies plus one color burst crystal,  
> shipped, for \$25. That works out to about \$6 per custom  
> crystal when you subtract the actual shipping cost and the

> cost of a cheap color burst crystal from the deal. Now  
> that's not inexpensive at all, sorry. It's TWICE the price  
> of the NorCal crystals.  
>  
> Give it up Brice. If the profits all went to support a major  
> QRP event such as QRPacificon or Atlanticon or FDIM  
> or whatever (to pay for the speaker's rooms, flights, other  
> conference costs, etc.) then I'm sure we wouldn't mind so  
> much, but, as far as I can tell, you are pocketing the gross  
> profits here personally, right?  
>  
> 72, Dave, AD6A  
>

-----  
Date: Fri, 27 Sep 2002 08:29:43 -0500  
From: "Mark Andrews" <KE4IOF@ke4iof.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136252] OT: Re: QRP Crystals Now Available!!!  
Message-ID: <001d01c26629\$f1dcb1e0\$b16e640a@vitalworks.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My Blocked Senders list keeps getting longer and longer!

Mark

-----  
Mark A. Andrews, KE4IOF  
-----

Date: Fri, 27 Sep 2002 09:30:26 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: kr1st@amsat.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [136253] Re: Antenna Question  
Message-ID: <3D945D72.50BD17FA@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I doubt that you will notice any significant interaction, as long as the two antenna and their feedlines are kept separate. You might experience some reradiation of the signal between the antennas though, this may or

may not be a good thing.

73

-----  
Date: Fri, 27 Sep 2002 09:33:12 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: steve@eclipsecat.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [136254] Re: beginner's Antenna modeling software  
Message-ID: <3D945E18.1113DE48@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I like W7EL's software. It is easy to use for a beginner and will support more advanced use too!

Remember, a simulation is just that, a simulation. Y0u may get as much information from a handbook!

73

-----  
Date: Fri, 27 Sep 2002 07:30:34 -0600  
From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136255] FS NC20 & PSK20  
Message-ID: <017401c2662a\$0f5910b0\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

NorCal 20 (club kit) \$130 shipped CONUS

See pictures at: <http://www.frii.com/~rwc/nc20/nc20.html>

This rig most of the popular mods (see build notes below pictures) and works great.

PSK-20 \$130 shipped CONUS

Pictures at: <http://www.frii.com/~rwc/psk20/psk20.html>

This rig has the VOX mod I posted about a few weeks ago, see:

[http://www.frii.com/~rwc/psk-20\\_vox/](http://www.frii.com/~rwc/psk-20_vox/)

If you wish to buy both radios I'll offer them at \$250 for the pair. DX buyers welcome, but you must pay shipping/insurance to your QTH.

Both rigs come with manuals/documentation. The schematics are "red marked" to reflect the various mods.

After contemplating the question "How Much Do I Operate", the answer was, not much (frankly it is getting less and less, and the recent spate of negativity have dampened my spirit even more) So it's time to offer up these little used items to a good home where they will be used and enjoyed.

73, Rod N0RC

-----  
Date: Fri, 27 Sep 2002 08:40:06 -0500  
From: "Jeff Mitchell" <jeffmit@datastratinc.com>  
To: <kg6cyn@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136256] Re: Camping Again!!! Point Mugu-Thornhill Broome  
Message-ID: <002a01c2662b\$6539aa20\$6501a8c0@datastratinc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

[...snip..So, I'll be using the FT-817 and  
MP-1 (with extended base section and mobile whip) on 20 through 10..snip..]

Last trip to the beach I used the MFJ fiberglass push up mast and a 40M dipole, I suspended the feed point atop the mast then took the leg attached to the coax shield straight to the ground along the mast and attached two quarter wave radials. I then oriented the other leg toward Europe (I was at the Outer Banks). That's basically a half sloper and shows a little directivity. Had to use the tuner to clean up the feed point impedance a bit on 40 and to use it on 30, it was also fairly close to resonant on 15. I worked Europeans and into the Middle East with 5W on 40 and 15 meters. With you being in Pt Mugu you should be able to point toward JA or VK and

work some pretty cool stuff on 30M or 40M in the mornings.

One nice thing about the beach is it was easy to dig a three foot hole to put the base of the pole in, and that was plenty of support to keep the mast straight. Plus plenty of salt water for a nice take off angle.

Just a thought and  
Have fun!  
Jeff, N4YQ

-----  
Date: Fri, 27 Sep 2002 09:26:11 -0500  
From: W2EB <w2eb@twcnny.rr.com>  
To: qrp-l@lehigh.edu  
Subject: [136257] Schematic editor  
Message-ID: <3D946A83.E4BD64F0@twcnny.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

For years, I've been an advocate of a free Schematic editor called "TinyCad". In it's first versions, it was a small (210Kb) Win-based editor that was quite intuitive to use.

It's a fairly "Bare-bones" program that simply draws schematics, prepares a netlist and BOMs.

The original author has resumed work on the program. He's up to V1.60 now. The program has greatly improved. I figured if anyone is interested, they might want to give this a test-flight:

V1.60(4.7Mb): <http://tinycad.sourceforge.net>  
V1.26:

<http://prdownloads.sourceforge.net/tinycad/TinyCAD126-a.zip?download>

73,

Bill  
W2EB

"Thomas Hodgkin died of natural causes"

-----

Date: Fri, 27 Sep 2002 14:27:51 +0100  
From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136258] Re: Firth/Fishpool QRP Book ships on Friday as promised  
Message-ID: <009701c26629\$b65c74c0\$af3186d9@celeron>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Our thanks to Doug for his encouragement (or goading) which led to the creation of our book.

As Doug said earlier, you can get a copy from him if you live in the U.S. or Canada.

Graham G3MFJ will handle all U.K. orders. I've set up a website at [www.fishpool.org.uk](http://www.fishpool.org.uk) with details about this and there will be announcements both there and on GQRP-L when the U.K. version is shipping. We intend to have it available for the Rochdale Convention, and very probably, several weeks before.

The website will also be used to correct any mistakes that have occurred, although with a small army of proof readers, we hope that won't be many.

The web page is currently rather rudimentary, as work, exams and real life conspire to keep me occupied. I'm also "in recovery" from a month of using MS Publisher for writing the book but the meds are working now :-)

The book is aimed at folk who are either getting started in home construction or maybe just occasionally build something and haven't yet accumulated a workshop full of expensive test equipment - much of which most of us can probably manage without.

I can recall building things in the early days that didn't work and I didn't have the means to fault find on them. So this book represent a collection of gadgets that Graham & I have accumulated over the years to make life a little easier.

Our thanks to all who have written with kind words of congratulation. Of course they haven't seen it yet!

Kind regards  
Tony - G4WIF/K4WIF

-----  
Date: Fri, 27 Sep 2002 09:55:41 -0400  
From: "Ron McConnell" <rcmcc@earthlink.net>  
To: <qrp-l@lehigh.edu>  
Cc: "W2IOL" <w2iol@arrl.net>  
Subject: [136259] QRP-L digest = Reader's Digest version?  
Message-ID: <000001c2662d\$925990e0\$5c50ad41@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Every so often, maybe once a month,  
I get a QRP-L digest with a full topic list,  
a few messages and the final  
"End of QRP-L Digest 2xxx" tag,  
but with the vast majority of the  
messages missing. Does anyone else  
have this occur? Is it just my mail system?  
Since they have the "End of..." tag,  
whatever happens is not a true truncation,  
but a "Reader's Digest" digest.  
It seems like this has to come out  
of the qrp-l digest routine somehow.

The other digests I get are much shorter  
than qrp-l and haven't shown this behavior.

I can always retrieve the full digest  
from the qrp-l archives at  
<ftp://ftp.lehigh.edu/pub/listserv/qrp-l/>,  
so it's more of a nuisance than catastrophe.  
Of course, it always seems to happen  
just when there is a thread or two  
of great interest to me, like today. :)

Thanks.

73,  
Ron McConnell



w2iol

-----  
Date: Fri, 27 Sep 2002 10:17:26 -0400  
From: "Randy Randall" <RANDALLR@healthall.com>  
To: <qrp-1@lehigh.edu>, <w2eb@twcnny.rr.com>  
Subject: [136260] Re: Schematic editor  
Message-ID: <sd94303b.056@jhs\_izar.healthall.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

This link does not work. I get an access denied error.

<http://tinycad.sourceforge.net>

Randy AB9GO

>>> W2EB <w2eb@twcnny.rr.com> 09/27/02 10:26AM >>>  
Gang,

For years, I've been an advocate of a free Schematic editor called "TinyCad". In it's first versions, it was a small (210Kb) Win-based editor that was quite intuitive to use.

It's a fairly "Bare-bones" program that simply draws schematics, prepares a netlist and BOMs.

The original author has resumed work on the program. He's up to V1.60 now. The program has greatly improved. I figured if anyone is interested, they might want to give this a test-flight:

V1.60(4.7Mb): <http://tinycad.sourceforge.net>  
V1.26:

<http://prdownloads.sourceforge.net/tinycad/TinyCAD126-a.zip?download>

73,

Bill  
W2EB

"Thomas Hodgkin died of natural causes"

-----

Date: Fri, 27 Sep 2002 14:20:58 +0000  
From: "Alan Fryer" <N3BJ@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [136261] FS: FT-817 at TenTec Hamfest  
Message-ID: <0E44zBTP47BolVRExYw0000252c@hotmail.com>

I'll be there Friday (today) afternoon/evening and Saturday AM.  
FT-817 is in excellent shape, just back from Yaesu for minor repair and checkout.  
Original box, manual. and accessories plus mobile power cord and a few extras.  
\$540.00

I'll be at the Landmark Inn and will be listening on 147.42 simplex.

Alan, N3BJ

-----  
Date: Fri, 27 Sep 2002 16:04:05 +0200  
From: "Juanjo Pastor" <ec5aca@wanadoo.es>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136262] CQ fm EA5 agn  
Message-ID: <000201c26633\$4308a340\$a03e243e@fer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hello again,

This evening I will be 'round 14.060 with my drifty TT1320 or my also drifty FT707 and a wire dipole for the band. I'll begin CQing as soon as I can set my station up (let's say about 22:00 UTC, maybe sooner but only by minutes...) and I will stand up till late. If I hear CQ from american stations and I can not reach you, maybe I will go QRO for the first time this year. The CNCW EA only contest begins at 14:00 UTC tomorrow and I will add my QRP buzz to the big crickets cage symphony so I will be off DXing... By the way, did I tell you I worked Joe K3CHP in his new QTH in DE last August?

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,  
QRP-L #1662.

Juanjo Pastor  
C/San Roque, 4-1=BA  
46460 Silla  
SPAIN

e-mail: ea5chq@wanadoo.es  
Tel.: +034 96 120 17 67  
Movil: 651 35 35 11

-----  
Date: Fri, 27 Sep 2002 07:41:02 -0700  
From: "Bill Jones" <kd7s@psnw.com>  
To: <RANDALLR@healthall.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136263] Re: Schematic editor  
Message-ID: <000901c26633\$e76052d0\$9110010a@fresno>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It worked for me.

=====  
Bill Jones - <><  
Sanger, California  
=====

----- Original Message -----  
From: "Randy Randall" <RANDALLR@healthall.com>  
Subject: Re: Schematic editor

> This link does not work. I get an access denied error.  
>  
> <http://tinycad.sourceforge.net>

-----  
Date: Fri, 27 Sep 2002 09:48:25 -0500  
From: <stanw@toxSOR.com>  
To: <qrp-l@lehigh.edu>  
Subject: [136264] CyBiko - ham applications  
Message-ID: <000501c26634\$f21cc720\$0364010a@toxSOR.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anyone playing with this wireless (computer ?). The pricing is all over

the place from about \$39 to \$169 so buyer beware - do a couple of web searches. But they look like something that we can adapt to ham radio applications.

de Stan ak0b ak0b@swbell.net

-----  
Date: Fri, 27 Sep 2002 08:43:05 -0600  
From: William R Colbert <w5xe@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [136265] Re: Collecting Books of ALL Kinds  
Message-ID: <20020927.084505.-295577.0.w5xe@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Besides, while one may have a small dc source for running a radio, it may not be sufficient to run a computer with cd drive to view one's book material whereas the written books and magazines are easily read by natural, battery or oil lamp light. Hopefully such a situation would only be for a short time but these days and conditions - who knows.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M

SOC#78 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

-----  
Date: Fri, 27 Sep 2002 07:51:39 -0700  
From: "Bill Jones" <kd7s@psnw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136266] FS: PSK-80 Warbler (unbuilt)  
Message-ID: <000701c26635\$63007770\$9110010a@fresno>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Friends,

I have an unopened PSK-80 Warbler kit (one of the originals from NJQRP Club)

that is surplus to my needs. Asking \$40 plus one half of actual shipping charges.

=====

Bill Jones - <><  
Sanger, California

=====

-----

Date: Fri, 27 Sep 2002 15:53:03 +0100  
From: "Ray Goff" <radioham@gmx.co.uk>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136267] Re: Schematic editor  
Message-ID: <001f01c26635\$aa9b9ce0\$73f00350@starfishrcg>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bill,

Thanks for a very useful post, the software looks very excellent.

73

Ray, g4fon

----- Original Message -----

From: "W2EB" <w2eb@twcnny.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, September 27, 2002 3:26 PM  
Subject: Schematic editor

> Gang,

>

> For years, I've been an advocate of a free Schematic editor called  
> "TinyCad". In it's first versions, it was a small (210Kb) Win-based  
> editor that was quite intuitive to use.

> It's a fairly "Bare-bones" program that simply draws schematics,  
> prepares a netlist and BOMs.

> The original author has resumed work on the program. He's up to  
> V1.60 now. The program has greatly improved. I figured if anyone is  
> interested, they might want to give this a test-flight:

>

> V1.60(4.7Mb): <http://tinycad.sourceforge.net>

> V1.26:  
>  
> <http://prdownloads.sourceforge.net/tinycad/TinyCAD126-a.zip?download>  
>  
>  
> 73,  
>  
> Bill  
> W2EB  
>  
> "Thomas Hodgkin died of natural causes"  
>  
>

-----  
Date: Fri, 27 Sep 2002 17:01:58 +0200  
From: Ingo Meyer DK3RED <dk3red@gmx.net>  
To: qrp-l@lehigh.edu  
Subject: [136268] Re: beginner's Antenna modeling software  
Message-ID: <5.1.1.6.1.20020927165840.009ecec0@pop.gmx.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Steve,

>I would like to model some simple wire antennas. What program would the  
>list recommend that is relatively easy to learn/use yet accurate?

I also prefer (like Bruce) the EZNEC program by Roy W. Lewallen W7EL. You  
can download the demo version from <http://eznec.com>.

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>  
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>  
QRP ARCI #11295 <http://www.qrparci.org>

-----  
Date: Fri, 27 Sep 2002 16:04:50 +0100  
From: "Jack Bennett" <J.Bennett@lboro.ac.uk>  
To: <kd7s@psnw.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136269] Re: Schematic editor  
Message-ID: <005601c26637\$3aa6a770\$98327d9e@pc2000e1jb5>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Guys,

It works for me also.

72,

Jack  
G3PVG

----- Original Message -----

From: "Bill Jones" <kd7s@psnw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, September 27, 2002 3:41 PM  
Subject: Re: Schematic editor

> It worked for me.  
> =====  
> Bill Jones - <><  
> Sanger, California  
> =====  
> ----- Original Message -----  
> From: "Randy Randall" <RANDALLR@healthall.com>  
> Subject: Re: Schematic editor  
>  
>  
> > This link does not work. I get an access denied error.  
> >  
> > <http://tinycad.sourceforge.net>  
>  
>  
>  
>

-----  
Date: Fri, 27 Sep 2002 11:24:15 -0400  
From: "Steve Lawrence" <Steve.Lawrence@itwfeg.com>  
To: qrp-l@lehigh.edu  
Subject: [136270] WTB: Tokyo Hy-Power HT-750  
Message-ID: <0F2077E3F0.22E755F9-0N85256C41.00544DA0-85256C41.00549D68@itwfeg.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Looking for an HT-750 in good operational condition, with manual. Any chance there's a spare gathering dust in a shack out there?

Please contact me off list.

73,  
Steve  
aa8af

-----  
Date: Fri, 27 Sep 2002 08:26:37 -0700  
From: Bob W7AVK <rsrolfne@atnet.net>  
To: unlisted-recipients:; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [136271] Re: QRP Crystals Now Available!!!  
Message-ID: <3D9478AD.D4D48D90@atnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang - Its interesting to me to note you don't see the na-sayers offering such a service to the group.

I for one want to thank Bruce for his efforts.

73 Bob W7AVK

Babe wrote:

> Just a quick question. Is anybody entitled to make a little profit for their  
> time and effort?  
> Don't give it up Brice!!! When the time comes that I need some xtals, I sure  
> hope you are there.  
>  
> 73  
> WA2DGD  
> ----- Original Message -----  
> From: "Dave Fifield" <dave@redhotradio.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Friday, September 27, 2002 2:36 AM  
> Subject: Re: QRP Crystals Now Available!!!  
>  
> > Well, I can't let this go without one more round, sorry.  
> > I won't let my fellow hams be taken like this...



> >  
> > The 3.579MHz crystal in Brice's list....you can buy these from  
> > just about anywhere for less than a buck! There's nothing  
> > custom or special about it. It's a standard crystal used for TV  
> > color burst frequency control and is dirt cheap pretty much  
> > anywhere you look. Here are a few examples:  
> >  
> > Mouser = \$0.57 or less  
> > Digikey = \$0.51 or less (ok, so they have a \$25 min., I know)  
> > Halted (local store) = haggle around \$0.50  
> > All Electronics (local store) = haggle around \$0.50  
> > Excess Solutions (local store) = haggle around \$0.50  
> >  
> > I'm sure there's a local junk store near most of you where they  
> > have these TV color burst crystals way cheaper than \$5.  
> >  
> > Alternatively, if you have a few spare minutes, you can get  
> > one for FREE from just about any old knackered color TV.  
> > Most TV repair shops will be happy to give you an old  
> > chassis to take apart - just ask.  
> >  
> > The set of 5 crystals is \$25 shipped - that's \$20 for the  
> > crystals and \$5 for the shipping - WHOA!!!! - how can it  
> > possibly cost \$5 to ship 5 little crystals in a jiffy bag???  
> >  
> > The last time I shipped a small parts order like this, it cost  
> > just 33 cents for the jiffy bag and 44 cents for the postage.  
> > That's a total packaging and shipping cost of 77 cents. The  
> > postage has gone up a few cents since then, but it the total  
> > is still way less than \$5!  
> >  
> > Let's take another look at the crystal deal in the light of all  
> > this information now shall we:  
> >  
> > 4 custom crystal frequencies plus one color burst crystal,  
> > shipped, for \$25. That works out to about \$6 per custom  
> > crystal when you subtract the actual shipping cost and the  
> > cost of a cheap color burst crystal from the deal. Now  
> > that's not inexpensive at all, sorry. It's TWICE the price  
> > of the NorCal crystals.  
> >  
> > Give it up Brice. If the profits all went to support a major  
> > QRP event such as QRPacificon or Atlanticon or FDIIM  
> > or whatever (to pay for the speaker's rooms, flights, other  
> > conference costs, etc.) then I'm sure we wouldn't mind so  
> > much, but, as far as I can tell, you are pocketing the gross  
> > profits here personally, right?  
> >

> > 72, Dave, AD6A  
> >

-----  
Date: Fri, 27 Sep 2002 11:26:06 -0400  
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [136272] RE: Airline travel  
Message-ID: <6579C6377F475547985F0B3E426E16260204DE1D@OCCLUST01EVS1.ugd.att.com>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: quoted-printable

HI

An interesting story for sometime around a hamfest coffee break or at a =  
qrp club meeting. Sometime ask  
me about bringing home two circular saw blades in my carry on July 30 of =  
this year. And the look my wife  
and daughter gave me when I got back from checking the other piece of =  
luggage. Another reason to get to  
the air port early.

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Marty Hartwell

KD8BJ - Gahanna Ohio - Sometimes Mobile,  
Sometimes portable, Sometimes lounge chair

QRP-L #199=20

Flying Pigs #147

FT817 or TT Scout or K2=20

Verticals or Dipoles & End Fed Wires

SOC #Can't remember

Columbus QRP Club

=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=3D=  
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-----  
Date: Fri, 27 Sep 2002 08:25:45 -0700  
From: Bill Vodall - WA7NWP <wa7nwp@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [136273] Re: CyBiko - ham applications  
Message-ID: <4.2.0.58.20020927082515.00a03880@pioneernet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:48 AM 9/27/02 -0500, stanw@toxsox.com wrote:

>Anyone playing with this wireless (computer ?). The pricing is all over  
>the place from about \$39 to \$169 so buyer beware - do a couple of web  
>searches. But they look like something that we can adapt to ham radio  
>applications.

>

>de Stan ak0b ak0b@swbell.net

The Cybiko does APRS...

<http://www.kr1st.com/>

Bill, WA7NWP

-----

Date: Fri, 27 Sep 2002 09:34:12 -0600  
From: "Steve/n0tu" <n0tu@codenet.net>  
To: "QRP-L" <QRP-L@lehigh.edu>  
Subject: [136274] QSY w/QRP to Mtns  
Message-ID: <00f701c2663b\$54ff3430\$6a211d82@agilent.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Man, between the economy, Headline news and QRP-L there's only one place to go for a 'pick-me-up' . Take a hike with your QRP rig! IMHO Sooo, I'm spending my day-off messing with some antenna ideas for a field test tomorrow.

Ah yes, and if I should have a question? I'll be sure to research it on my own, ...give a break will ya! What's a community of kindred spirits for if you don't share info and encourage each other? geeez!

I strongly agree with who ever said "there's only dumb answers" and go one further saying it's only dumb people who hoard their (self-perceived) precious knowledge. Keep ur silly darn info to yourself and see what it's worth in the end.

Tomorrow ...up the mountain early AM to test the antenna out on 15/20m. I'll post specifics before pushing off. BTW If this antenna idea works ok(?) I'll

post it. On second thought I'll post it no matter. ;-)

Steve/n0tu

-----  
Date: Fri, 27 Sep 2002 08:47:49 -0700  
From: "Gary Evans" <myrthus@email.msn.com>  
To: "QRP-L Discussion" <qrp-l@lehigh.edu>  
Subject: [136275] Nye Viking Antenna Tuner  
Message-ID: <DAV73bB5Rw1SSfWXWzR0000eb18@hotmail.com>

I recently got my hands on a Viking Antenna Tuner, model MB II. It came with a 1:4 ration balun which is not connected. I'm wondering if someone has the instructions showing how it should be connected. The paperwork that came with the tuner has no diagrams and simply refers to "special instructions" that come with the balun. Thanks...Gary Evans

-----  
Date: Fri, 27 Sep 2002 22:57:48 -0500  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>  
Subject: [136276] IF SW 20+  
Message-ID: <02b901c266a3\$35e38200\$6d74da0c@mchsi.com>

Hey guys:

Anybody know what the I.F. is on an SW20+?

Thanks in advance:            Jerry            N0JRN

-----  
Date: Mon, 23 Sep 2002 23:09:57 -0400  
From: "Joe W2KJ" <w2kj@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136277] Interesting Contact  
Message-ID: <00a501c26377\$e0bc73a0\$b6d0be3f@cdcvh01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I recently had one of those QRP contacts that periodically amazes all of us QRP'ers at one time or another.

On 17 September at 2120UTC, I heard Dennis, WA8ZBT (QTH-Texas) signing off with another station on 21.060Mhz. My QTH is in North Carolina.

The other station said "Dennis, you're doing FB with 200mw output from your K2".

I couldn't resist so I called WA8ZBT after both stations signed "SK" with 5W from my K2, Dennis came back to me and we began a QSO.

I dropped my power down to just under 200mw (lowest my K2 goes) to match Dennis's power level and he copied me 569. Dennis was 599 solid copy.

I switched over to my Argonaut II and we worked each other with me lowering my power at 50mw levels until I got down to 5mw as measured on my OHR WM1 wattmeter. Dennis was still able to copy me just at the noise level!!.

I have operated QRP for many years and at one time for a year only at the 1W level from a homebrew DC transceiver, but operating at the very low milliwatt level was amazing!!!

I guess it's this kind of fun that keeps us QRP fanatics doing what we do.

Now I kinda wonder why I run my K2 at 5W!! I better watch out, I hear this milliwatting thing is contagious:-)

73, Joe W2KJ

-----  
Date: Tue, 24 Sep 2002 17:48:40 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136278] Re: Homebrew Outbacker

Message-ID: <3D90DDDB8.55CAA6EA@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Alex,

The Outbacker is a special case of a helically wound vertical. Helically wound verticals are fairly easy to design but somewhat of a pain to build! They consist of a wavelength of wire for a particular frequency wound on a form. This is the fluff that appears in the ARRL Antenna Handbook. Actually it is a bit more complex!

Start with a full wavelength of wire at the lowest frequency you want. Pick a form. A fiberglass fishing rod works well enough. Be sure it is long enough to wind all your wire on. Now wind your wire with a pitch of at least 1/2 inch between turns. A larger pitch would be better, but the pole is the limiting factor. Wind some extra turns on the form.

Now, mount the antenna over a ground plane. Don't scrimp too much here. Using a grid dip meter measure the resonance at the base. Remember, you will influence the measurement so find a way to be out of the near field while measuring the frequency! Use binoculars and make grid dip adjustments slowly. There are other methods of measuring resonant frequency besides the grid dip meter. After you have found the resonant point you can adjust it to what you want by either adding or trimming wire from the end. I warn you, this is a long process, I know, I have built several helically wound dipoles!

Now, let's, say you built your antenna for 40 meters. You want to also use it on 30, 20, 17, 15, 12, and 10. You have to arrange a tap for each frequency! This is very easy, after you have built the first model! But it is a real pain for the first one. You can try marking the wire for each frequency's wavelength, and adjusting whatever amount you found for the lowest frequency. But there are no guarantees! You might hit it and you might not! If you persist, you will hit it!

Frankly, buying the antenna is easier!

73

-----  
Date: Tue, 24 Sep 2002 16:03:58 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136279] Re: mu metal source

Message-ID: <5.0.2.1.0.20020924155839.00a08cf0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Well, it is usually doing nothing structurally, not drilled or radically bent and sort of a grey color.  
Thickness is like shim stock and of course wrapped around things like meters, motors, xformers, and CRTs  
73  
Pete NV4V

At 12:05 PM 9/24/2002, you wrote:  
>At 11:49 AM 9/24/2002 -0400, you wrote:  
>>Scrounger Alert!  
>>Recently someone asked about a source. I came across 2 pieces in the >>junkbox while  
>>looking for something else. Strips of the metal is wrapped around the >>drive motors in cassette decks.  
>  
>Hi Pete,  
>  
>How do you identify mu metal when scrounging? Is it distinct in some way?  
>  
>  
>73 es oo de Jim KJ0C  
>Healer of Brachycephalics and other fine looking creatures  
>in Springfield, MO  
>FP # -108 and semi-official veterinarian of the Flying Pigs QRP Club  
>PITA #2 SOC #37

-----  
Date: Fri, 27 Sep 2002 09:14:27 -0700  
From: "Ian Wilson" <ianmwilson@earthlink.net>  
To: <benlightnd13@mchsi.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136280] Re: IF SW 20+  
Message-ID: <008d01c26640\$f4575760\$0b02a8c0@trabucoserver>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

9MHz.

de ian, k3imw/6

----- Original Message -----

From: "Jerry Ford" <benlightnd13@mchsi.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, September 27, 2002 8:57 PM

Subject: IF SW 20+

> Hey guys:

>

> Anybody know what the I.F. is on an SW20+?

>

> Thanks in advance:                Jerry                N0JRN

>

>

>

-----  
Date: Tue, 24 Sep 2002 14:34:03 GMT

From: nilsbull@juno.com

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [136281] FS: SG2020

Message-ID: <20020924.073406.570.40534@webmail2.wlv.unttd.com>

Gang,

Comes a time -- again -- to cut back on the stuff . . .

FOR SALE: SGC SG2020 (S/N 9107) Price: \$420 Shipped CONUS

Most recent firmware (Rev 1.08)

Does not have ADSP board

Mods: RF out is BNC (not stock S0239)

Key jack is now Headphone (easy to de-mod)

Back panel has three extra jacks: Straight Key, Paddles, Amp key line

5V on pin 5 of mic jack for electret mic (78L05 provides voltage)

You get: the radio & all documentation (mfg's & mine [in a binder])

SGC microphone -- Extra connectors & cables

Original SGC shipping box



You can check this radio out at <http://w8ijn.tripod.com/strays7.htm>

Email me or call & leave a message on my machine: 937 849 0113

And I still end up with more than 14 radios! But now Cindy can park her care in the garage!

73

Nils

-----  
Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes  
"In my day we had to FIGHT to have email! Every day was a struggle!"  
-- Comrade Sergei Nikolaievich McTovarishov

-----  
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<http://dl.www.juno.com/get/web/>.

-----  
Date: Mon, 23 Sep 2002 23:02:26 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136282] Re: How Much do I Operate?  
Message-ID: <Pine.LNX.4.33.0209232258480.24096-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

...took a quick look and total between my 2 calls is about 83 Qs...this includes CW & SSB...I used my Kenwood TS-430S QRP until I got my K2 on the air which is what I mostly use now...mixture of antennas; 80 mtr inverted V, 40 mtr delta loop, 2 el tribander yagi at 50 ft and does not include 2 mtr contacts...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Mon, 23 Sep 2002 23:58:49 -0500  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136283] Re: How Much do I Operate?  
Message-ID: <200209240458.AA01471@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Hmmm, log says 580 QSOs so far for 2002, 576 on CW, 4 on SSB.  
Rigs used were an FT-817, a homebrew 40m TX, and an R-390A, all  
running into a Butternut HF-2V, fed through a Johnson Matchbox.  
Roughly 90% at the 4W level, and the other 10% at 500 mW or less.

72/73,

Todd, AG0T

-----  
Date: Fri, 27 Sep 2002 12:04:44 -0400  
From: "Lascell, Peter" <lascellpe@tycoelectronics.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@lehigh.edu>,  
      "'ATRIL@yahoogroups.com'" <ATRIL@yahoogroups.com>  
Subject: [136284] TICK keyer business status?  
Message-ID: <A1268AEDFA58D511AB4000508BCFA91502E81015@usz43mx00.macom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"

I am trying to contact Gary Diana N2JGU about my order. All attempts are  
dead end. His previous partner sold out a couple years ago. Anyone know  
the current status of Embres as a business and/or contact information for  
Gary N2JGU, who no longer works for Kodak, nor lives at 65 Pacer Dr,  
Henrietta, NY?

Pete W4WWQ  
w4wwq@arrl.net

Date: Fri, 27 Sep 2002 17:28:48 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power" <qrp-l@lehigh.edu>  
Subject: [136285] Alesis DSP design  
Message-ID: <DAV35XHSUYnzW08CGc300005bd9@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've worked out what I think I need in terms of chips on this little system for the major functions:

Atmel AT90S2313 AVR microcontroller  
MAX202 RS-232 interface  
Atmel AT17C65 EEPROM  
Alesis AL3101 DSP (the very cheap 16-pin one)  
Alesis AL1201 DAC  
Alesis AL1101 ADC  
NE5532 op amps

Apart from the EEPROM, which will be socketed, they are all SMDs (0.05" lead spacing).

The DSP code will be stored in the EEPROM. The AVR will have some software in it to do things like read the EEPROM and squirt the code into the DSP, upload code from a host PC and load it into either the EEPROM or directly into the DSP, and so on. There will be one or two buttons and LEDs for a simple user interface if it is used standalone (without the PC). The AVR will be user-programmable via the usual ISP connector.

The DSP has a built-in PLL to generate its clock which needs an input clock at the sample frequency (48 kHz max.). This will be generated by one of the AVR timers. The whole thing will work off the AVR clock. Power requirement will be a nominal 9V at about 60 mA (a guesstimate).

I have started doing the schematic. It's really just a question of joining up the dots. 8-) The PCB layout will be tricky, if the full 24-bit capability of the system is to be available.

73, Leon

--

Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----

Date: Tue, 24 Sep 2002 08:41:12 -0400  
From: "Lee Mairs" <lmairs@cox.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136286] Re: Interesting Contact  
Message-ID: <000f01c263c7\$ae30f140\$3b6d020a@J4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Now I kinda wonder why I run my K2 at 5W!! I better watch  
> out, I hear this milliwatting thing is contagious:-)  
>

I never could figure out how you QRO guys ever had any fun (:>o)!

73 de Lee, KM4YY

-----  
Date: Tue, 24 Sep 2002 18:32:7 -0500  
From: "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136287] Fritzel antenna experience?  
Message-ID: <412002922423327390@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Here is truly an amateur's question. Anyone using one of the Fritzel 40-10 Metre wire inverted vee antennas? How critical is it for the centre to be up exactly 12 Metres, as indicated in the printed instructions? What if it is up to about 45-46 feet?

Feedback will be much appreciated. Thanks in advance.

73,  
--Doc/K0EVZ

-----

Date: Mon, 23 Sep 2002 20:48:58 EDT  
From: W0rw@aol.com  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136288] Highest QRP AField Operation  
Message-ID: <22.2f26c972.2ac1107a@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Great QRP Day to you all !

KG5N (Nick) worked 20 meters and made 65 Q's  
with his home brew 2W Sierra to a dipole.

i (w0rw - Paul) worked 15 meters and made about 30 Q's,  
One PA0 (Netherlands) and one DL5 station on my PRC-319  
to a 30 foot vertical ant.

We were at 9500 feet in the Mueller State Park, It was a bright and sunny  
day mit Aspen trees turning yellow, and over a week ago since there had been  
any snow.

i also got to do some HF Back Packing along the trails on SSB.

K5C made kinda a big splash on 21060 and every one was  
strong. Even KB9YIG with his 1/2 W.

Nil on 10M, 40M or 80M.

72 de w0rw

-----  
Date: Tue, 24 Sep 2002 21:13:04 -0500  
From: David Heintzleman <pstrdave@kdsi.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136289] how much do I operate?  
Message-ID: <3D911BB0.C6F9FCCA@kdsi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, finally decided to venture a post - -

189 Qso's since Jan 1, 77 of them SSB

various rigs,

Argo 515, Century 21, Argosy 525, and some higher power, 80-100 watts as  
I blew dust out of some old rigs to sell.

lots of fun, SSB, esp QRP SSB is quite a challenge, bit more so than qrp  
CW, but the whole hobby is best thing, almost since sex and chocolate.

Dave  
K8BBM

Date: Mon, 23 Sep 2002 18:56:11 -0500  
From: <mgoins@usa.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136290] FS  
Message-ID: <200209240004.g8003JfB010888@rain.CC.Lehigh.EDU>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8BIT

Kenwood 440, with hand mike, original manual and battered original double box.  
\$450 picked up in Houston (or nearby).

Still have quad poles for a 10-20 meter quad (or 20 meter monobander) and two  
cubex spiders. Second buyer backed out when he realized how big a 20 meter  
quad really is. Great antenna though. No boom, but might help with some wire.  
Best offer.

mike  
wb5yjx

-----  
Date: Mon, 23 Sep 2002 16:33:29 -0700  
From: "Tracy Markham" <tracy@bytemark.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136291] RE: QRP with 12-volt Tubes?  
Message-ID: <GNEOLGDJDOPEALHJMKLCEEDBCMAA.tracy@bytemark.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I can't give you a URL offhand, but I found a lot of 12v tube receivers and  
transmitters when I was searching for regenerative radio schematics. The  
'GlowBugs' will probably be a good place to start.

Good Luck!  
Tracy N4LGH

Has anyone tried making a QRP transmitter using some of the tubes that use  
12 volts on the plate, such as the 12AL8 ? If so, I'd like to hear your  
results and get a schematic from you.

Thanks.

Jim Rybak W0KSD

-----  
Date: Mon, 23 Sep 2002 19:34:00 +0000  
From: ve3ab@mail.mondenet.com  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136292] QRP++ Eprom..now in my possession. tnx Jerry.  
Message-ID: <200209232337.g8NNbZ3D017015@phlox.mondenet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Just a short post. The QRP++ Programmed Eprom just arrived today. Tnx to Jerry Terres who kindly sent it up North here! Ill burn off several copies tomorrow and then test the copies that evening in my QRP+ and see how it works. Ill test it both on CW and SSB to be sure everything functions correctly..and if so..then this will become the MASTER CODE which will be used to program all the other EPROMs.  
73 Earl Ve3ab

-----  
Date: Fri, 27 Sep 2002 13:07:33 -0400  
From: "Craig A. Ferris" <cferris@aeronix.com>  
To: qrp-l@lehigh.edu  
Subject: [136293] Granite state crystal checker  
Message-ID: <3D949055.F6AA5965@aeronix.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Has anyone gotten one of these going? I built one, and the morse output works, but the lcd does not. I suspect an addressing problem with the display. Has anyone experienced similar results.

72,  
Craig NR4E  
Melbourne, FL

-----  
Date: Mon, 23 Sep 2002 21:26:55 -0500  
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136294] Re: How Much do I Operate?

Message-ID: <000301c26371\$daca4ae0\$1436a6d8@Hal>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I've made 464 QSO's so far this year. All QRP and all CW except for about 2 SSB and a few PSK31 QSO's. I enjoy working the DX at the bottom of the bands or ragchewing with fellow QRP'ers. I moved into a new home just before last Christmas and much of my operation was done using my small 3 ft loop indoors until I could get my inverted-L up outside. My old tower is laying on the side of my house but I haven't seen a need to put it up yet ; -)

Rigs:

Kenwood TS-130V at 5 watts

MFJ-9020 at 4 watts

Militarized 38-Special at 3.5 watts

Rock-Mite 40 at 470 mw

Homebrew 40 at 250 mw

Main Antennas:

Inverted-L (~20 ft vertical and ~30 ft horizontal) fed with SGC SG-237

Smartuner for all bands via 100 ft of RG-213 buried in the ground.

3 ft diameter 5/8" magnetic loop (often indoors)

End-fed halfwave wire for portable operation

-----  
Date: Fri, 27 Sep 2002 11:32:22 -0600

From: "" <markb@abq.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [136295] Re: TICK keyer business status?

Message-ID: <51e5d0cd788f40a48eb188458726303b.markb@abq.com>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable

> Anyone know the current status of Embres as a business and/or contact=20  
> information for Gary N2JGU,

I emailed Embedded Research a while back about a Tick keyer question and didn't get a response, so I ended up ordering K10+ chips=2E Weeks



later I got a response to my question, it appears it's not their top priority to respond to requests from customers=2E I had used the email link on the web page=2E=20

HTH,

Mark K5LXP  
Albuquerque, NM  
k5lxp@arrl=2Enet  
=20  
=20

-----  
Date: Mon, 23 Sep 2002 23:38:42 -0400  
From: john <john@wagner-usa.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136296] FS: Apple Powerbook  
Message-ID: <3D8FDE42.9080006@wagner-usa.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I've had this Powerbook for almost a year. It works great but I'm finding I use my Linux box for most everything these days and don't need the Apple. I thought I'd offer it here on QRP-L first, and then take it to ebay if there are no takers. Pics available on request...

Specs: Powerbook 1400c/166 (w/ G3/233 upgrade), 48meg RAM, 2 GIG Hard drive, CD drive, Floppy drive, Global Village 10BaseT/Modem PCMCIA card (never used the modem, only the 10BaseT connection), docking station, 2 batteries (neither of which will hold a charge for more than 10 minutes of operating), cable for zipdisk, cigarette lighter power cable, external monitor adapter (I think it has an upgraded video card - I've run a PC monitor on it). The TFT screen is really nice and crisp - no dead pixels or anything like that.

Got a lot of software; Outlook Express, IE and Mozilla, telnet/ssh, CivII and Starcraft and various other free packages. MacOS version is 8.6. Its performance is acceptable for email and surfing the web and the aforementioned games, which is about all what I've been doing with it. I do NOT have the original MacOS disk as it didn't come with it when I bought it.

Price is \$225US(firm) which includes UPS Ground Shipping in the US. DX or Canada may be more. Insurance extra.

This system is clean and in good shape. If you like Macs, you'll love this notebook.

73,

John, N1QO

-----  
Date: Tue, 24 Sep 2002 09:05:59 -0700  
From: "laura halliday" <marsgal42@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136297] Re: Replacement for 2N5179  
Message-ID: <F155utluHjLCEGJiCu000004e1a@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Paul Taylor (ptaylor@agentissoftware.com) wrote:

>...The design uses a 2N5179 as a broadband injection  
>oscillator buffer (HF only), and I can't source one  
>locally (Australia).

>Can anyone suggest a reasonable substitute for this  
>transistor? I have found MRF904 but this is equally  
>unobtainable. I may be reduced to a 2N2222  
>unless someone has a better suggestion...

I wouldn't recommend 2N2222 as a substitute - the original design is likely to be based on the very high gain and low junction capacitance of a 2N5179. Many designs of that era threw them around like popcorn, just like the 1970s designs that used 40673s by the dozen.

A quick look through the Dick Smith Electronics web page suggests 2SC1674 might be worth a try. Small-signal NPN, Ft = 1.2 GHz, TO-92, \$AUS 2.17 each.

There is nothing that says you can't buy what you need overseas: either eat the minimum order and shipping, or pool your requirements with other local hams, or save up your requirements until you have enough to

place a reasonable order.

Laura Halliday VE7LDH        "Que les nuages soient notre  
Grid: CN89lg                    pied a terre..."  
ICBM: 49 16.57 N 123 0.24 W       - Hospital/Shafte

-----  
Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

-----  
Date: Tue, 24 Sep 2002 13:00:26 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136298] Re: How Much do I Operate?  
Message-ID: <3D909A2A.2349DD29@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I find it interesting that so many of us use different forms and modes in ham radio, QRO is a valid exercise, as is SSB operation. You don't have to use it often, but you should recognize that it exists! To say there is only QRP, or only CW, is to be a little too scrupulous!

73

>

> I should have mentioned in the tally. All but 67 were QRP CW. Of the 67, 6 were PSK31 or RTTY (not counting the PSK31 Sprint), 19 were QRO SSB and the rest were  
> QRO CW.

-----  
Date: Tue, 24 Sep 2002 16:58:55 -0400  
From: Larry - WA2DGD <wa2dgd@comcast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136299] Elmer 101 course  
Message-ID: <00b201c2640d\$31f530a0\$6401a8c0@hamroom>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Hello,

I wanted to give a sincere Thank You to any and all list members that contributed to the Elmer 101 course which involves the SWL+ kit. I finished up the course and the kit, it was everything I had hoped it

would be. I've been a ham for over 35 years and this course put everything I learned from license manuals into the proper perspective. I now fully understand such concepts as mixers, I.F., crystal filters, local oscillators, etc. because of the "hands on" type of learning that the course involves.

I am truly impressed by the amount of time, and the great explanations of theory and circuits that the "teachers" gave throughout the course. It is specifically to you guys that I am writing to let you know your efforts are very much appreciated. I always wanted to do something like this and it fulfilled all my expectations.

Besides the knowledge gained, I now have a great little 20 meter, 2 watt rig and have managed to work 5 countries in 2 days.

Again, thank you for your time and effort.

73

Larry

WA2DGD

K2 #1672

ARCI QRP #11215

NJ-QRP# 395

-----  
Date: Fri, 27 Sep 2002 13:59:11 -0700

From: John Payne <paynej1@strato.net>

To: QRP-L@lehigh.edu

Subject: [136300] RE:Cybiko- Ham applications

Message-ID: <HEUS2VJHGEYOHCKGTQKJB7PLUQ2ZHE.3d94c69f@computer>

MIME-Version: 1.0

Content-Type: text/plain; charset="windows-1252"

I just purchased 3 Cybikos on EBay for \$9.95 ea. plus \$13.00 shipping, and an Extreme for \$28.51 shipped, so the bargains are there. BTW, the classics are brand-new in the box.

73 de N4FLJ

"Perhaps the best proof that there is intelligent life in outer space is that it hasn't come here."

-----  
Date: Tue, 24 Sep 2002 23:09:45 -0500

From: Edgar R Guillot <n5ed@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136301] Re: [SOC] Fw: Why Did The Chicken Cross The Road?  
Message-ID: <20020924.230946.776.1.N5ED@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

On Mon, 23 Sep 2002 08:32:48 -0500 "Rob Matherly" <w0jrm@arrl.net>  
writes:

> WHY DID THE CHICKEN CROSS THE ROAD?  
>

QRPer

Because he used a kilowatt and only got a 339 from the hams in the sty  
across the street.

N5Ed Guillot

> PAT BUCHANAN  
> To steal a job from a decent, hardworking American.  
>  
> JERRY FALWELL  
> Because the chicken was gay! Isn't it obvious? Can't you people see  
> the  
> plain truth in front of your face? The chicken was going to the  
> "other  
> side." That's what "they" call it the "other side." Yes, my friends,  
> that  
> chicken is gay. And, if you eat that chicken, you will become gay  
> too. I  
> say we boycott all chickens until we sort out this abomination that  
> the  
> liberal media whitewashes with seemingly harmless phrase like "the  
> other  
> side." That chicken should not be free to cross the road. It's as  
> plain and  
> simple as that.  
>  
> DR. SEUSS  
> Did the chicken cross the road?  
> Did he cross it with a toad?  
> Yes! The chicken crossed the road,  
> but why it crossed, I've not been told!  
>  
> ERNEST HEMINGWAY  
> To die. In the rain.  
>

> MARTIN LUTHER KING, JR.  
> I envision a world where all chickens will be free to cross roads  
> without  
> having their motives called into question.  
>  
> GRANDPA  
> In my day, we didn't ask why the chicken crossed the road. Someone  
> told us  
> that the chicken crossed the road, and that was good enough for us.  
>  
> ARISTOTLE  
> It is the nature of chickens to cross the road.  
>  
> KARL MARX  
> It was a historical inevitability.  
>  
> SADDAM HUSSEIN  
> This was an unprovoked act of rebellion and we were quite justified  
> in  
> dropping 50 tons of nerve gas on it.  
>  
> RONALD REAGAN  
> What chicken?  
>  
> CAPTAIN JAMES T. KIRK  
> To boldly go where no chicken has gone before.  
>  
> FOX MULDER  
> You saw it cross the road with your own eyes. How many more chickens  
> have to  
> cross before you believe it?  
>  
> FREUD  
> The fact that you are at all concerned that the chicken crossed the  
> road  
> reveals your underlying sexual insecurity.  
>  
> BILL GATES  
> I have just released eChicken 2000, which will not only cross roads,  
> but  
> will lay eggs, file your important documents, and balance your  
> checkbook,  
> and Internet Explorer is an inextricable part of eChicken.  
>  
> EINSTEIN  
> Did the chicken really cross the road or did the road move beneath  
> the  
> chicken?

>  
> BILL CLINTON  
> I did not cross the road with THAT chicken. What do you mean by  
> chicken"?  
> Could you define "chicken" please?  
>  
> GEORGE W. BUSH  
> I don't think I should have to answer that question.  
>  
> LOUIS FARRAKHAN  
> The road, you will see, represents the black man. The chicken  
> crossed the  
> "black man" in order to trample him and keep him down.  
>  
> THE BIBLE  
> And God came down from the heavens, and He said unto the chicken,  
> "Thou  
> shalt cross the road." And the chicken crossed the road, And there  
> was much  
> rejoicing.  
>  
> COLONEL SANDERS  
> I missed one  
>  
> 72/73/oo  
> Rob, w0jrm  
>  
> =====  
> Visit my website! <http://www.qsl.net/w0jrm>  
> =====  
>  
>  
> ---  
> Outgoing mail is certified Virus Free.  
> Checked by AVG anti-virus system (<http://www.grisoft.com>).  
> Version: 6.0.391 / Virus Database: 222 - Release Date: 9/19/02  
>  
> -----  
> SOC mailing list  
> SOC@mailman.qth.net  
> <http://mailman.qth.net/mailman/listinfo/soc>  
>

---

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-----  
Date: Tue, 24 Sep 2002 13:59:11 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136302] New RF/IF amp from Analog Devices  
Message-ID: <DAV27KFdFDkfzoF0xtb00003208@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm on ADI's mailing list for new product announcements, and they have just released preliminary details of a very interesting new RF/IF amp chip, the AD8351. It's good for up to 2.2 GHz (should work OK in a 45 MHz IF strip for an up-converting HF receiver as it's specified at 70 MHz) and has simple gain control. Input resistance is 5k and output impedance is 150R, both differential. It has good strong-signal handling.

The only downside is the package, 10 lead (5 each side) Micro S0. They didn't provide details, but it looks as though it might be extremely small.

73, Leon

--

Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Tue, 24 Sep 2002 7:46:02 -0500  
From: Eric NM5M <res19m7g@verizon.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136303] Re How much do I operate?  
Message-ID: <20020924124602.IJTJ17563.out011.verizon.net@[127.0.0.1]>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

So far I have made 356 QSOS, 340 of those being on CW, 16 on 6 meter SSB, all QRP.

Antennae at the NM5M radio ranch include a stealth dipole (lays on the shingles of my roof), a HB 20 meter ground mounted vertical (16 buried radials so far, more soon as it's cooling down), and a random wire for 80 meters.



Rigs: FT1000 C, Red Hot Radio (20 meters), FT 847, HB 40 meter superhet Receiver, 40 Meter VX0 transmitter, Tuna Tin II, 40 meter MRX receiver.

73 All,

de NM5M Eric

-----  
Date: Fri, 27 Sep 2002 14:15:15 -0400  
From: John Harper AE5X <ae5x@qsl.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [136304] Re: TICK keyer - an alternative  
Message-ID: <000301c26651\$d46e55a0\$6501a8c0@Home>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

A better keyer for about the same money:

<http://www.morsex.com/jhp/>

John Harper AE5X  
Outdoor QRP: <http://www.ae5x.com>

-----  
Date: Fri, 27 Sep 2002 13:17:11 -0500  
From: "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [136305] K0EVZ \*New\* PO Box  
Message-ID: <4120029527181711587@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Because of changes in my employment, I have \*changed\* my Post Office box number.

My new mailing address is:

W.D.Lindsey  
PO Box 6008

Bismarck, ND 58506

This number is unfortunately very close to the previous one, but please send things to the \*new\* one, thanks.

73,  
--Doc/K0EVZ

-----  
Date: Tue, 24 Sep 2002 10:20:55 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136306] Re: How Much do I Operate?  
Message-ID: <3D9082D7.31E488B8@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

OK - so what's the message?

We notice how many QRO operators there are and how many SSB operators there are . . . now what? <:}

There have always been many more QRO ops than QRP ops, and many more SSB ops than CW ops.

Bruce, if I didn't know better I would swear that you are on an anti-QRP and anti-CW kick for some reason.

What's going on?

73/72, George  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR - the Yellow Rose of Texas  
In the 57th year and it just keeps getting better!

Bruce Muscolino wrote:

>

> Notice how many QRO operators there are! And notice how many SSB  
> operators there are!

-----  
Date: Tue, 24 Sep 2002 09:29:22 -0700  
From: Mark Schoonover <schoon@amgt.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136307] RE: New Book: Simple Test Equipment for the QRPer now shipping  
Message-ID: <BF889CEBEFD2D511B993009027F60ABE25183D@AG-JASMINE-NT4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

It looks like I didn't get the original announcement for this book. Where do  
I send my \$\$\$??

Thanks & 72

.mark

-----Original Message-----  
From: W3CDE Jerry L. [mailto:w3cde@bellsouth.net]  
Sent: Tuesday, September 24, 2002 7:58 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: New Book: Simple Test Equipment for the QRPer now shipping

Mike,

With that statement I assume they still empty the "chamber  
pots" into the moat?? 8-) You can tell by the aroma.

Jerry  
W3CDE

"Michael C. Boatright" wrote:

>  
> All--  
<SNIP>  
>  
> Sunday we visited Leeds Castle (real moat) then headed to the coast to  
> visit Dick Pascoe, G0BPS, QRP ARCI Vice President, and Ian Keyser,  
> G3R00. I cannot begin to tell you how much I enjoyed the entire day, and  
> especially meeting Dick and Ian and their wives (and Ben, Dick's border

> collie).  
<SNIP>  
>  
> 73 de Mike, K04WX  
> Michael C. Boatright

-----  
Date: Tue, 24 Sep 2002 20:13:05 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136308] Re: Addendum: Reverse Charging Question  
Message-ID: <003a01c26428\$53313b40\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: <WA6GER@aol.com>

> I forgot to ask in my original posting: I measured 12volts positive  
from the  
> negative terminal, and everything seemed normal except just backward.  
What  
> if I had hooked a rig up using reverse terminals? Blow up the rig?  
>

Generally speaking... You would probably have very little capacity  
(ah wise) and also probably a very low current limit. I'm not sure,  
but I think in that case the internal resistance of the cell would be  
very high.

Mike

-----  
Date: Mon, 23 Sep 2002 20:30:44 -0400  
From: "Ralph Irons" <n7ri@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136309] Re: How Much do I Operate?  
Message-ID: <CHEGLAJDPKLFHIIHBBAHMEHFCEAA.n7ri@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

So far in 2002, 85 QSOs -- 15 on SSB.

Rig: K2  
Ant: Drooping dipole

Watch the total skyrocket once the Rock Mite gets built ; - >

Ralph N7RI  
Charlottesville, VA

-----  
Date: Tue, 24 Sep 2002 17:00:51 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136310] Re: Redhot NorCal 20M or NorCal Sierra  
Message-ID: <003701c2640d\$79eb2040\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I haven't used a Sierra, but I think I can say unequivocally, that when the bands are crowded with strong signals, -no- NE602 based receiver can compete with the NC-20. The operational difference is pretty dramatic, actually. It's not just a question of the numbers being better. In fact, the NC-20 is noticeably better than the \$1000 class rice boxes, which themselves are significantly better than the 602 based rigs.

Of course, you pay a price in power consumption. The NC-20 has approximately twice the receive current of the typical 602 based radios (tho nowhere near the appetite of the rice boxes).

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----  
From: "Richard Johnson" <richard\_johnson@credence.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Tuesday, September 24, 2002 4:34 PM  
Subject: Redhot NorCal 20M or NorCal Sierra

> Group:  
>

> I am looking for insight into the performance on 20M between the Red-hot  
> Norcal20 and NorCal Sierra.  
>  
> Both are simple receivers; one with 9.000 MHZ IF and the other 4.915 MHz  
> IF. One has a NE602 front end mixer the other a SBL-1 equivalent. One  
> minimizes magnetic, the other uses a normal amount.  
>  
> Any comments on either would be appreciated.  
>  
> cheers,  
> rich  
>

-----  
Date: Tue, 24 Sep 2002 19:44:09 -0700  
From: "John McClain" <digi2@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136311] Re: Doug's box real nice....  
Message-ID: <000b01c2643d\$6fc417e0\$6501a8c0@phoenix.speedchoice.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't know but I'll give you a dollar for it. I am still waiting  
for mine. As a matter of fact I am waiting for a bunch of items from  
various places (Mitybox, Rock Mite 40, 7.122mhz xtals, Nor'easter  
direct conversion receiver, Key and base from American Morse, SWR  
meter, Watt meter, a bunch of parts from Dan's Small Parts, Freq Mite,  
tone tuned antenna tuner, function generator, and an Island drill bit).  
I think that the little brown truck has forgotten where I live but  
congratulations to you anyhow. I really like the way you mounted your  
RM in that spiffy box.

John  
K7SVV  
K2 #2569, SST 20, Rock Mite 20

----- Original Message -----  
From: "Ken Hopper" <khopper@uchicago.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, September 24, 2002 6:54 PM  
Subject: Doug's box real nice....

> Doug's MityBox is "real nice" but what was I supposed to do with the

blue  
> metal thing?  
>  
> (large image)  
> <http://www.n9vv.com/Images/dougsbox.jpg>  
>  
> link to my RockMite project  
> <http://www.n9vv.com/rockmite20project.html>  
>  
> pse wait 15 min for the server to cache the image (9pm Chicago time)  
> dit dit  
> de ken n9vv

-----  
Date: Tue, 24 Sep 2002 10:53:42 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136312] RE: New Book: Simple Test Equipment for the QRP'er now shipping  
Message-ID: <031001c263f3\$5563c5c0\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mark the book is available from me for \$12, postage paid. Send a check or money order to:

Doug Hendricks  
862 Frank Ave.  
Dos Palos, CA 93620

-----  
Date: Fri, 27 Sep 2002 14:34:57 -0400  
From: Larry - WA2DGD <wa2dgd@comcast.net>  
To: Low Power Amateur Radio Discussion <QRP-L@lehigh.edu>  
Subject: [136313] repeat messages  
Message-ID: <011201c26654\$947bc2e0\$6401a8c0@hamroom>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Anyone else getting repeat of messages to this list from Sept. 24?

73  
Larry  
WA2DGD  
K2 #1672  
ARCI QRP #11215  
NJ-QRP# 395

-----  
Date: Tue, 24 Sep 2002 10:58:29 -0400  
From: "W3CDE Jerry L." <w3cde@bellsouth.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136314] Re: New Book: Simple Test Equipment for the QRP'er now shipping  
Message-ID: <3D907D95.45C44B78@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mike,

With that statement I assume they still empty the "chamber  
pots" into the moat?? 8-) You can tell by the aroma.

Jerry  
W3CDE

"Michael C. Boatright" wrote:

>  
> All--  
<SNIP>  
>  
> Sunday we visited Leeds Castle (real moat) then headed to the coast to  
> visit Dick Pascoe, G0BPS, QRP ARCI Vice President, and Ian Keyser,  
> G3R00. I cannot begin to tell you how much I enjoyed the entire day, and  
> especially meeting Dick and Ian and their wives (and Ben, Dick's border  
> collie).  
<SNIP>  
>  
> 73 de Mike, K04WX  
> Michael C. Boatright

-----



Date: Tue, 24 Sep 2002 11:58:58 -0700  
From: "Tracy Markham" <tracy@bytemark.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136315] "Home-Brew" = alcoholic?  
Message-ID: <GNEOLGDJDOPEALHJMKLCOEEGCMMAA.tracy@bytemark.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I recently attended a breakfast meeting of a local repeater club. Pretty interesting group, mostly retirees, a lot of women and a few kids licensed there. Cool.

When they asked the people who haven't been to their meetings to stand up and introduce themselves, I mentioned I was into 'home brew,' assuming they knew what I meant.

During the course of the socialization I got drilled about drinking ... I didn't get it until I remembered having made the home-brew statement. The whole room practically did an 'OH!' when I clarified I was into home-brew RADIO, "You know, melting solder!" I said.

Is the home-brew label not really known among hams? I thought it was universally understood with radio enthusiasts - guess not!

Just thought I'd pass that experience on to you guys. I wonder if we need to 'promote' the term with the ham community so that they don't think we're alcoholics? (hihi)

Tracy N4LGH

-----  
Date: Tue, 24 Sep 2002 18:30:24 -0400 (EDT)  
From: wb0wao@hotmail.com (Dennis Ponsness)  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136316] Re: NE602 Front-Ends and Contests  
Message-ID: <10811-3D90E780-1163@storefull-2154.public.lawson.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

Well, I can only speak in regards to theSW-xx+ rigs, and I have never had a problem with them that cranking down the gain control wouldn't

solve. I don't even have a problem when W1AW is on <grin>. I normally run the gain at about 65% and adjust from there. I found at that level, you can still pick out the really weak ones and you won't get pounded by a KW station close by. As far as 'tests go, I have not really ran any of them really hard, but have got on the air during them. I found that the SW rig was just as good, if not better than my TS-680S (stock), in dealing with QRM and overload. I am up in a "RF Hole" in N. Michigan so that may have some bearing on it as well

72 es oo

Dennis - WB0WAO

NJQRP #329  
FPQRP #-347  
SOC #499  
FISTS # 9299  
GACW #622  
ARS #1363

-----  
Date: Fri, 27 Sep 2002 12:41:59 -0600  
From: Rod N0RC <rod@n0rc.us>  
To: <qrp-1@lehigh.edu>  
Subject: [136317] Let's do the time warp again...  
Message-ID: <200209271843.g8RIhBWT022845@rain.CC.Lehigh.EDU>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

Attention time travelers. If you were outside of this "quantum" and missed last week's postings; just like Billy Pilgrim they're coming around again=  
=2E

Anybody else seeing old postings flood their mailbox?

73, Rod, N0RC ...just jump to left...

-----  
Date: Wed, 25 Sep 2002 06:04:07 -0400  
From: John R Kirby <n3aaz-qrp@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136318] Re: Redhot NorCal 20M or NorCal Sierra  
Message-ID: <20020925.060414.-299237.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

>>I am looking for insight into the performance on  
>>20M between the Red-hot  
>>Norcal20 and NorCal Sierra.

Hello Rich and Group,

Never had the PLEASURE to run a REDHOT but  
understand it is an O U T S T A N D I N G radio ! ! !

Built and still own the original NorCal Sierra and W O W ! ! !

The CW filter was too narrow for my pleasure, but,  
easy to modify . . . short out one or two 'inside' crystals.

There are several (many) more modes now for both radios . . .

One of which allows both radios to run FSK RTTY.  
The distant station can not tell the difference  
between AFSK RTTY or FSK RTTY. Some years ago there were  
a few (. . . very few) ole'salts (Navy talk) that 'thought' they  
could tell the different. Some can still tell the difference  
between LF CW and RF CW . . . HI HI !

Also own a couple commercial radios to compare against and  
pleased and satisfied with the Sierra.

Enjoy,  
John  
N3AAZ  
FM 19 xa

---

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<http://dl.www.juno.com/get/web/>.

-----  
Date: Tue, 24 Sep 2002 02:09:18 -0400 (EDT)  
From: wb0wao@hotmail.com (Dennis Ponsness)  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136319] Re: Rock-Mite/30 Lives  
Message-ID: <712-3D90018E-4161@storefull-2158.public.lawson.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

Chuck,

Way to go! Keep me informed about the conversion so when you get all the wrinkles ironed out, I want to make one up as well. These RM's are fun!!!!!!!

72 es oo

Dennis - WB0WAO

NJQRP #329  
FPQRP #-347  
SOC #499  
FISTS # 9299  
GACW #622  
ARS #1363

-----  
Date: Fri, 27 Sep 2002 14:48:53 -0400  
From: Jim Eshleman <jce0@Lehigh.EDU>  
To: wa2dgd@comcast.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [136320] Re: repeat messages  
Message-ID: <3D94A815.7080908@Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Yep. The offending mailer (smtp.northnet.org) will be blocked shortly.

73  
Jim N3VXI

> Anyone else getting repeat of messages to this list from Sept. 24?  
>  
> 73  
> Larry  
> WA2DGD  
> K2 #1672  
> ARCI QRP #11215  
> NJ-QRP# 395

-----  
Date: Fri, 27 Sep 2002 13:44:44 -0500  
From: Karl Kanalz <kkanalz@gcecispc.com>  
To: "'digi2@earthlink.net'" <digi2@earthlink.net>,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [136321] RE: Doug's box real nice....  
Message-ID: <01C2662C.0F71B6E0@KKANALZ>

I'll up the bid to \$1.50 for "that blue thingie", Ken!

Just put it back in the box (or envelope) you received it in and send it to me.  
My address is good is QRZ.com.....

Karl K -W8TIF  
McKinney, Texas

-----Original Message-----  
From: John McClain [SMTP:digi2@earthlink.net]  
Sent: Tuesday, September 24, 2002 9:44 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Doug's box real nice....

I don't know but I'll give you a dollar for it. I am still waiting for mine. As a matter of fact I am waiting for a bunch of items from various places (Mitybox, Rock Mite 40, 7.122mhz xtals, Nor'easter direct conversion receiver, Key and base from American Morse, SWR meter, Watt meter, a bunch of parts from Dan's Small Parts, Freq Mite, tone tuned antenna tuner, function generator, and an Island drill bit). I think that the little brown truck has forgotten where I live but congratulations to you anyhow. I really like the way you mounted your RM in that spiffy box.

John  
K7SVV  
K2 #2569, SST 20, Rock Mite 20

----- Original Message -----

From: "Ken Hopper" <khopper@uchicago.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, September 24, 2002 6:54 PM  
Subject: Doug's box real nice....

> Doug's MityBox is "real nice" but what was I supposed to do with the  
blue  
> metal thing?  
>  
> (large image)  
> <http://www.n9vv.com/Images/dougsbox.jpg>  
>  
> link to my RockMite project  
> <http://www.n9vv.com/rockmite20project.html>  
>  
> pse wait 15 min for the server to cache the image (9pm Chicago time)  
> dit dit  
> de ken n9vv

-----  
Date: Wed, 25 Sep 2002 09:13:34 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136322] Re: MC1350 input impedance  
Message-ID: <3D91B67E.F5CF18A6@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I think it is close enough. If you are really interested in g  
parameters, don't bother with the web, go to the library and get a good  
book on circuit analysis, a professional textbook! QRPers are too quick  
to think everything is available on the web. It is not, most knowledge  
is found in BOOKS!

73

-----  
Date: Fri, 27 Sep 2002 14:50:09 -0400

From: "Richard Brummer, K2JQ" <k2jq@rcn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136323] RE-LISTED MESSAGES  
Message-ID: <0c6601c26656\$b425ec40\$6501a8c0@cable.rcn.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

Am I going nuts, or is the list server regurgitating messages from a few days ago ?

There are some threads I'd rather not see again.....

73  
Dick K2JQ

-----  
Date: Fri, 27 Sep 2002 14:51:07 -0400  
From: "John Huffman" <hjohnc@core.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136324] Re: Repeat Messages  
Message-ID: <006101c26656\$d785b580\$10075dd8@jhuffmanlt>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yeah, but for a while I just thought I was really good at anticipating what someone was going to say :-)

73 de K8HJ  
John

----- Original Message -----  
From: "Larry - WA2DGD" <wa2dgd@comcast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, September 27, 2002 2:34 PM  
Subject: repeat messages

> Anyone else getting repeat of messages to this list from Sept. 24?  
>  
> 73

> Larry  
> WA2DGD  
> K2 #1672  
> ARCI QRP #11215  
> NJ-QRP# 395  
>  
>  
>

-----  
Date: Fri, 27 Sep 2002 14:52:30 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [136325] Re: Alesis DSP design  
Message-ID: <5.1.0.14.1.20020927144203.00a74d90@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>The DSP has a built-in PLL to generate its clock which needs an input clock  
>at the sample frequency (48 kHz max.). This will be generated by one of the  
>AVR timers. The whole thing will work off the AVR clock. Power requirement  
>will be a nominal 9V at about 60 mA (a guesstimate).

Leon,

After looking briefly at the specs for the Alesis DSP, you may need a bit more than that. It wants about 32 mA at 5V all by itself. The ADC claims another 22 mA, and the DAC wants 34 mA more.

Unless you're using a switching regulator?

What you describe sounds perfect for a single-channel application like a bandpass filter, but using it in a phasing receiver or other I/Q demodulation application would require 2 ADC channels, and an I/Q modulator would require 2 DAC channels. For your first board this may not be a concern, but I know it's of interest to a lot of people.

Dave

Dave



-----  
Electrical items never die, you see, I am merely unable to revive them with today's technology.  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 27 Sep 2002 12:52:34 -0600  
From: Pat Byers <pbyers@rttinc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136326] A good story for a change  
Message-ID: <5.1.0.14.2.20020927124113.00b60aa0@mail.rttinc.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Amid all of the bad karma that's been enveloping QRP-L this past week I thought I'd relate a more pleasant experience.

This week the post office delivered my long lost Heathkit HW-7, ser. no. 00236. I had "sold" this transceiver to a Ham in FL almost two years ago. Anticipating the Christmas rush, I sent the radio before I had payment in hand. Well, payment never arrived. Recently, I was contacted by Mike Maiorana KU4Q0 who wanted to know if I was the VE3 guy whose old call appeared in the manual of an HW-7 he had just acquired. Yes! To make a long story short, Mike offered to send the old radio to me free of charge - a most generous offer. This week it arrived safe and sound.

Many thanks to Mike for displaying the true spirit of the Ham community.

As most of you know, the HW-7 wasn't and isn't a stellar performer. However, there have been a number of worthwhile mods published over the years that make the rig usable. Since mine isn't collector quality, I hope to make some of these improvements and get it on the air as a Christmas gift to myself. Hope to work some of you soon.

73,

Pat Byers VE6AAN, ex VE3FUB  
Ponoka, AB

-----  
Date: Fri, 27 Sep 2002 13:16:35 -0600

From: "P. Ermisch" <ermisch@usa.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136327] Re: [Re: beginner's Antenna modeling software]  
Message-ID: <200209271919.g8RJJBU2010530@rain.CC.Lehigh.EDU>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

Easy to learn? I guess it depends on your perspective. I took the ARRL Antenna Modeling Course (see my review on eham.net) using EZNEC. IMO, if=

you're just doing simple wire dipoles, you can do quite a bit without dig=ging into the underlying complexities of modeling. You can download the demo version but you will probably run into the 'segment limit' before you can=do anything very useful.

The complexity has to do with the NEC engine that is at the core of EZNEC=and other antenna modeling products. NEC can handle many, many variables. E=ZNEC simply makes it easier to create the 'cards' that NEC requires for input.=In fact, the non-professional version of EZNEC doesn't even handle all of th=e variables possible.

If you want more detail, feel free to contact me off the list.

Paul KB0LUR

Ingo Meyer DK3RED <dk3red@gmx.net> wrote:

> Hello Steve,  
> =

> >I would like to model some simple wire antennas. What program would t=he  
> >list recommend that is relatively easy to learn/use yet accurate?  
> =

> I also prefer (like Bruce) the EZNEC program by Roy W. Lewallen W7EL. Y=ou =

> can download the demo version from <http://eznec.com>.  
> =

> 72/73 de Ingo, DK3RED Don't forget: the fun is the power!

> =

> dk3red@t-online.de http://www.t-online.de/~dk3red  
> DL-QRP-AG #824 http://www.dl-qrp-ag.de  
> QRP ARCI #11295 http://www.qrparci.org  
> =

-----  
Date: Fri, 27 Sep 2002 13:28:10 -0600  
From: "P. Ermisch" <ermisch@usa.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136328] Re: [CyBiko - ham applications]  
Message-ID: <200209271929.g8RJtASn016216@rain.CC.Lehigh.EDU>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

On QRZ.com...

<http://www.qrz.com/cgi-bin/ikonboard.cgi?act=3DST&f=3D3&t=3D18970>

<stanw@toxsor.com> wrote:  
> Anyone playing with this wireless (computer ?). The pricing is all over  
> the place from about \$39 to \$169 so buyer beware - do a couple of web  
> searches. But they look like something that we can adapt to ham radio  
> applications.  
> =

> de Stan ak0b ak0b@swbell.net  
> =

-----  
Date: Fri, 27 Sep 2002 14:33:21 -0500  
From: "Tim, N9PUZ" <n9puz@arrl.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [136329] DSP Information  
Message-ID: <200209271931.0AB27126@gallium.eosinc.com>  
Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Looking for a way to get some additional background on DSP? Check out <http://www.dspguide.com/> where you can download individual chapters of a book or the entire thing if you like--free. A traditional paper copy is available for \$64.00 plus shipping for the purists among you.

Tim, N9PUZ  
<http://www.qsl.net/n9puz>

-----  
Date: Fri, 27 Sep 2002 14:30:15 -0500  
From: "KD5NWA" <KD5NWA@mbayona.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136330] RE: look it up  
Message-ID: <NGBBJPBAOLKEABLLGGKBCELLCEAA.KD5NWA@MBayona.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

How about what we have been discussing, someone quite capable of looking up a simple answer but consistently doesn't bother to do it for themselves, and that is not the same as inexperience.

Cecil  
KD5NWA

-----Original Message-----  
From: Alex [mailto:[aturner13@triad.rr.com](mailto:aturner13@triad.rr.com)]  
Sent: Thursday, September 26, 2002 7:14 PM  
To: KD5NWA@mbayona.com; Low Power Amateur Radio Discussion  
Subject: Re: look it up

So why even entertain any questions on here? What is a reasonable reason for not being able to get some information. This is a hobby and I've never seen a group of guys who begrudge sharing information unless the person has met their criteria for search. Keep your information.

N4BYJ

-----  
Date: Fri, 27 Sep 2002 14:39:42 -0500  
From: "KD5NWA" <KD5NWA@mbayona.com>  
To: <aturner13@triad.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136331] RE: Looking for a good outdoor coil/trap sealer  
Message-ID: <NGBBJPBAOLKEABLLGGKBKELLCEAA.KD5NWA@MBayona.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

There are quite a few sealers made for things like sealing outside windows available at your local hardware store, you might want to check them out, make sure that they don't degrade in sunlight, however finding one that doesn't degrade and can be removed easily might be quite a challenge. I have in the past coated parts with a light film of petroleum jelly, then applied window sealer just past the lubricated area, and the sealer did not attach to the item except at the end of the area to form a watertight cover.

Cecil  
KD5NWA

-----Original Message-----  
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Alex  
Sent: Thursday, September 26, 2002 7:03 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Looking for a good outdoor coil/trap sealer

I have had good luck with an automotive sealer used for windshields I believe. It did not peel away as the silicone sometimes will. Sorry I don't know the name, but drop by a local auto parts place and browse around.

Alex N4BYJ  
----- Original Message -----  
From: <IamSF5@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, September 26, 2002 6:09 PM  
Subject: Looking for a good outdoor coil/trap sealer

> Hi Gang,  
> I need a good sealer for outdoor traps and coils i'm making up.

> Long ago I saw a product that looked like thick paint and came in  
different  
> colors.  
> You brushed it on and when it dried it had a rubber feeling to it and if  
> needed could be peeled off.  
> Does anyone know what or where I can buy this type of sealer?  
> Thanks  
> Bob  
> AF2Qrp <tm>  
> PS Please respond direct as AOL lets very little of the list come through

-----  
Date: Fri, 27 Sep 2002 14:57:40 -0500  
From: "KD5NWA" <KD5NWA@mbayona.com>  
To: <stanw@toxsor.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136332] RE: CyBiko - ham applications  
Message-ID: <NGBBJPBAOLKEABLLGGKBAELMCEAA.KD5NWA@MBayona.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I was going to buy a prototype board for the H8S/2323 CPU for \$79.00 and when I found the Cybiko Extreme had the same CPU, 1.5 Megs of RAM, keyboard, display and wireless communication, I bought 2 on EBay for \$20.00 each. I'm in the process of moving right now, but as soon as I get settled in I'm going to be playing with it, right now I have been searching the internet for development software for it during my lunch break.

Cecil  
KD5NWA

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of stanw@toxsor.com  
Sent: Friday, September 27, 2002 9:48 AM  
To: Low Power Amateur Radio Discussion  
Subject: CyBiko - ham applications

Anyone playing with this wireless (computer ?). The pricing is all over the place from about \$39 to \$169 so buyer beware - do a couple of web searches. But they look like something that we can adapt to ham radio applications.

de Stan ak0b      ak0b@swbell.net

-----  
Date: Fri, 27 Sep 2002 16:16:37 EDT  
From: IamSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [136333] From Bob AF2Qrp <tm>  
Message-ID: <181.f2a83e5.2ac616a5@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,  
Thanks to everyone who responded to my quest for the ultimate sealer for the coils.  
All but 1 suggested the stuff you dip tools into.  
Also many thanks to Karl who let me know that my Spl Slchecker is not working.  
Good thing I know how to spell<GRIN>  
73  
Bob  
AF2Qrp <tm>

-----  
Date: Fri, 27 Sep 2002 16:19:07 EDT  
From: IamSF5@aol.com  
To: qrp-L@lehigh.edu  
Subject: [136334] Still looking for the listed items  
Message-ID: <8f.22f1ef6b.2ac6173b@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Coil forms.  
Traps of any kind.  
Small glass end insulators.  
80 Meter coil for the MP-1 or a used MP-1  
Braided copper antenna wire.  
Was used a lot in the military.  
If anyone knows of a source or has these items i'll buy them.  
Please E mail me direct.  
Thank  
Bob  
AF2Q<>< [http://groups.yahoo.com/group/COILS\\_N\\_WIRES/](http://groups.yahoo.com/group/COILS_N_WIRES/)

-----  
Date: Fri, 27 Sep 2002 16:21:48 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: <qrp-l@lehigh.edu>, "Flying Pigs" <fpqrp-l@mpna.com>  
Subject: [136335] Any QST collectors on the lists?  
Message-ID: <721D3436A7C2B344A301FD4A413C71A93D8FDB@kosh.ARRLHQ.ORG>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

If any of you are QST collectors, please send me an email.

73,=20  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

>=20

-----  
Date: Fri, 27 Sep 2002 14:29:29 -0600  
From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136336] Re: DSP Information  
Message-ID: <003301c26664\$94fe1f00\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Also check out:

<http://www.arrl.org/tis/info/dsp.html>

several good articles referenced.

And



<http://www.arrl.org/catalog/8195/>

easy on the icky math stuff some say we we should all know.

73, Rod N0RC               ...math is hard ;-)...

----- Original Message -----

From: "Tim, N9PUZ" <n9puz@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, September 27, 2002 1:33 PM

Subject: DSP Information

Looking for a way to get some additional background on DSP? Check out <http://www.dspguide.com/> where you can download individual chapters of a book or the entire thing if you like--free. A traditional paper copy is available for \$64.00 plus shipping for the purists among you.

Tim, N9PUZ

<http://www.qsl.net/n9puz>

-----  
Date: Fri, 27 Sep 2002 20:40:01 +0000

From: "Brad Hernlem" <alihernlem@hotmail.com>

To: qrp-l@lehigh.edu

Cc: n9puz@arrl.net

Subject: [136337] Re: DSP Information

Message-ID: <F965fqghzKDjn7LXaz00002c09@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Tim, N9PUZ (n9puz@arrl.net) informs us that:

>Check out <http://www.dspguide.com/> where you can download individual  
>chapters of a book or the entire thing if you like--free. A traditional  
>paper copy is available for \$64.00 plus shipping for the purists among you.

Some while back Analog Devices had a give-away offer on this book through Future Electronics. Yes, indeed, I have one of their complimentary copies right here. Ye may wish to explore this possibility.

Brad

-----  
Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

-----  
Date: Fri, 27 Sep 2002 16:0:35 -0500  
From: "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [136338] WTB:NC-20 transceiver  
Message-ID: <412002952721035675@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Want to Buy = NC-20 transceiver. Must be fully assembled and in excellent condition. Anyone have one to sell?

73,  
--Doc/K0EVZ

-----  
Date: Fri, 27 Sep 2002 17:00:12 -0400  
From: "Jim Stamper" <jstamper@shentel.net>  
To: <wa2dgd@comcast.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136339] Re: repeat messages  
Message-ID: <006101c26668\$e4598860\$dc1c6fcc@jim>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yep! Anybody know why?

jim-  
KG4LDY

----- Original Message -----

From: "Larry - WA2DGD" <wa2dgd@comcast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, September 27, 2002 2:34 PM  
Subject: repeat messages

> Anyone else getting repeat of messages to this list from Sept. 24?  
>  
> 73  
> Larry  
> WA2DGD  
> K2 #1672  
> ARCI QRP #11215  
> NJ-QRP# 395  
>

-----  
Date: Fri, 27 Sep 2002 14:21:06 GMT  
From: Walter D Amos <waltk8cv@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [136340] Airpanes .....  
Message-ID: <20020927.203612.-919497.1.waltk8cv@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

First if you have a place to send stuff ( like a relatives HOUSE ) , send it UPS or USPS 10 or more days before your flight. It will be waiting for you when you get there.

Walt

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Fri, 27 Sep 2002 15:47:33 -0600  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@lehigh.edu>  
Subject: [136341] F/S Icom 2710 2m/440  
Message-ID: <001d01c2666f\$7dcec0e0\$05cd1341@callahan>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Icom 2710H 2 meter 440 mobile with mobile mount mike and power cord. VHF output is 50w 10w 5w UHF oudtput is 35w 10w 5w UHF has extended recieve 220 channel capacity DTMF built in duplexer \$250.00 includes shipping us. need money for goodies for my FT 817. Cal KF7ET colcal@SRV.net or 208 357 7431  
Thanks 72

-----  
Date: Fri, 27 Sep 2002 17:50:42 -0400  
From: "W2WU" <w2wurjj@verizon.net>  
To: <jstamper@shentel.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [136342] Re: repeat messages  
Message-ID: <000a01c26670\$3089c220\$71c2fea9@w2wu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've received about 100 reposts just today. Seems an ISP problem. Am I right? -W2WU

----- Original Message -----

From: Jim Stamper <jstamper@shentel.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: 27 September, 2002 17:00  
Subject: Re: repeat messages

> Yep! Anybody know why?

>

> jim-

> KG4LDY

>

> ----- Original Message -----

> From: "Larry - WA2DGD" <wa2dgd@comcast.net>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Friday, September 27, 2002 2:34 PM

> Subject: repeat messages

>

>

> > Anyone else getting repeat of messages to this list from Sept. 24?

> >

> > 73  
> > Larry  
> > WA2DGD  
> > K2 #1672  
> > ARCI QRP #11215  
> > NJ-QRP# 395  
> >  
>

-----  
Date: Fri, 27 Sep 2002 17:35:01 -0500 (CDT)  
From: psykey@okcforum.org (Jim Glover)  
To: qrp-l@lehigh.edu  
Subject: [136343] RE: "Looking It Up"  
Message-ID: <20020927223501.04F6C8824@okcforum.org>

There's certainly nothing inherently wrong with the suggestion that someone might benefit from looking something up. Of course, such advice isn't especially useful unless it's accompanied by a suggestion about where to look it up. However, Bruce's comment...

> QRPers are too quick to think everything is available on the web.

...could easily be construed as chastisement for having asked a question here on QRP-L. I think it is worthwhile to avoid even the appearance of being harsh to those who have questions.

Fortunately, in this case, we now have a statement from the poster who asked the original question, that he was not offended by Bruce's suggestion. That's great! It's good to know that no harm was done... Or was it? Perhaps there were one or more newbies who read Bruce's comments, and thought something like, "Gosh...I wouldn't want to be criticized that way for asking a question. I'll have to remember to keep quiet, here!"

Is there anything inherently wrong with asking a question here on QRP-L which could have been answered by referring to some textbook? Absolutely not! I can think of dozens of legitimate reasons for asking such questions here. Here are just a few off the top of my head:

--Not everyone absorbs information well from textbooks. Some of us simply understand things better if we get to interact with whomever we're learning from.

--Not everyone enjoys learning from textbooks. There are hams who enjoy learning about radio and electronics through interacting with other hams, who'd never have entered the hobby if they thought they'd have to learn it all in books. ...and there's nothing wrong with that. Amateur radio is, at least in part, a hobby.

--Someone might have some idea how things work, but want to bounce the idea around a little with others more knowledgeable to make sure.

--Reference books may not be handy. "...go to the library," Bruce advised... but not everyone has a good library handy. For others, the library may be handy enough, but their schedule may make it a bit difficult to find time for the trip.

--The time when computers are a better source of information than books isn't quite here yet (at least not in the radio/electronics arena) but the time is coming. If some people want to jump the gun a bit and seek answers to their questions through electronic media first, before they hit the books, there's nothing wrong with that.

--For some people, including many with disabilities or impairments of various sorts, it's simply much easier to use the computer than to seek references at a library.

Am I saying that everyone should quit reading books and try to do all their radio/electronics learning online? No, I am not. It's a \*fact\* that the best information about radio/electronics is in books. On the other hand, it's also a fact that the amount of radio/electronics information online is growing by leaps and bounds. "That information is easier to find in books" can be good advice, when it applies, but there's no good reason to be impatient with those who nevertheless choose to favor online sources. If you do not wish to be bothered by questions that could have been answered through library research, then by all means, do not answer them! Like I heard someone quip recently: Hey, ya know what?...my computer is one of the ones that have that "DELETE" key right there on the keyboard...it's really handy!

73,  
Jim WB5UDE

-----  
Date: Fri, 27 Sep 2002 18:51:27 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <waltk8cv@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [136344] Re: Airpanes .....  
Message-ID: <012f01c26678\$7fec5aa0\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It depends on the hotel, or whatever, but a lot of them will accept packages to be held for you pending arrival.

Mike

From: "Walter D Amos" <waltk8cv@juno.com>

> First if you have a place to send stuff ( like a relatives HOUSE ) ,  
send  
> it UPS or USPS 10 or more days before your flight. It will be waiting  
for  
> you when you get there.  
>  
> Walt

-----  
Date: Fri, 27 Sep 2002 18:50:24 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <psykey@okcforum.org>,  
        "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [136345] Re: "Looking It Up"  
Message-ID: <012c01c26678\$5a361e40\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sometimes we're not looking for just an 'answer'. We're looking for 'an' answer and the experience as well.

I guess there are people that feel that the 'answer' is all they're qualified to give.

Mike

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End of QRP-L Digest 2691

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